

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041577.D
 Acq On : 21 May 2024 09:43
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020

Quant Time: May 22 02:50:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.891	128	29393	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	163051	30.000	ug/l	-0.01
57) Chlorobenzene-d5	10.049	117	153329	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	70976	30.663	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.200%
60) 4-Bromofluorobenzene	11.079	95	73660	30.774	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.567%
63) Toluene-d8	8.647	98	194646	29.615	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	31335	20.382	ug/l	98
3) Chloromethane	1.295	50	31986	19.000	ug/l	99
4) Vinyl Chloride	1.374	62	33905	19.129	ug/l	99
5) Bromomethane	1.599	94	19676	17.453	ug/l	96
6) Chloroethane	1.666	64	20304	22.657	ug/l	95
7) Trichlorofluoromethane	1.868	101	54696	20.330	ug/l	98
8) Diethyl Ether	2.136	74	19874	19.781	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	33952	21.762	ug/l	99
10) 1,1-Dichloroethene	2.307	96	31546	20.977	ug/l	98
11) Methyl Iodide	2.447	142	30328	16.932	ug/l	99
12) Methyl Acetate	2.703	43	47187	20.834	ug/l	92
13) Acrolein	2.240	56	32383	117.448	ug/l	98
14) Acrylonitrile	3.063	53	98006	98.422	ug/l	100
15) Acetone	2.386	58	35182	131.867	ug/l	100
16) Carbon Disulfide	2.502	76	68316	20.120	ug/l	99
17) Allyl chloride	2.654	41	55420	20.766	ug/l	99
18) Methylene Chloride	2.782	84	36229	20.256	ug/l	98
19) trans-1,2-Dichloroethene	3.081	96	32406	18.792	ug/l	97
20) Diisopropyl ether	3.758	45	109874	19.595	ug/l	99
21) 1,1-Dichloroethane	3.605	63	61136	19.427	ug/l	100
22) cis-1,2-Dichloroethene	4.477	96	39060	18.640	ug/l	99
23) tert-Butyl Alcohol	3.081	59	1806	4.274	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	106463	18.962	ug/l	99
25) Chloroform	5.087	83	65122	19.425	ug/l	98
26) Cyclohexane	5.458	56	51183	19.504	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	42693	19.794	ug/l	100
30) 2-Butanone	4.556	43	151817	106.045	ug/l	99
31) 2,2-Dichloropropane	4.465	77	50740	20.045	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	57532	19.879	ug/l	100
33) Carbon Tetrachloride	5.666	117	50345	20.331	ug/l	98
34) Benzene	6.025	78	133348	19.576	ug/l	99
35) Methacrylonitrile	4.916	41	28759	19.914	ug/l	96
36) 1,2-Dichloroethane	6.086	62	50710	19.949	ug/l	100
37) Trichloroethene	7.117	130	36306	19.130	ug/l	98
38) Methylcyclohexane	7.373	83	53481	19.528	ug/l	99
39) 1,2-Dichloropropane	7.422	63	32424	20.137	ug/l	99
40) Dibromomethane	7.580	93	25020	19.743	ug/l	98
41) Bromodichloromethane	7.818	83	48192	20.256	ug/l	98
42) Vinyl Acetate	3.715	43	488108	98.268	ug/l	99

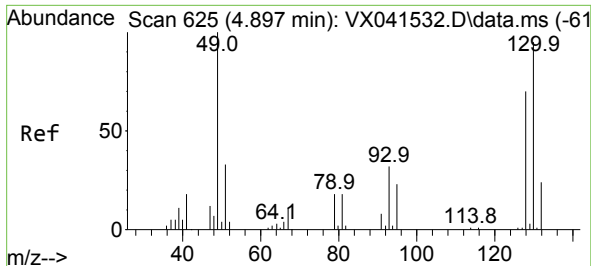
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041577.D
 Acq On : 21 May 2024 09:43
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 Sample : VSTDCCC020
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: May 22 02:50:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	52888	19.146	ug/l	99
44) Isopropyl Acetate	6.336	43	81928	19.621	ug/l	99
45) 1,4-Dioxane	7.665	88	17139	363.955	ug/l	89
46) Methyl methacrylate	7.690	41	40511	19.499	ug/l	99
47) n-amyl Acetate	10.842	43	72888	19.249	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	46304	19.380	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	51574	19.929	ug/l	96
50) 1,1,2-Trichloroethane	9.147	97	34777	19.727	ug/l	93
51) Ethyl methacrylate	9.116	69	53276	18.775	ug/l	97
52) 1,3-Dichloropropane	9.305	76	57650	19.790	ug/l	98
53) Dibromochloromethane	9.519	129	40464	20.173	ug/l	98
54) 1,2-Dibromoethane	9.610	107	37233	19.916	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	137824	99.508	ug/l	99
56) Bromoform	10.799	173	32357	20.134	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	280116	99.986	ug/l	99
59) 2-Hexanone	9.427	43	228871	102.548	ug/l	100
61) Tetrachloroethene	9.269	164	36359	19.382	ug/l	95
62) Toluene	8.714	91	148951	19.523	ug/l	99
64) Chlorobenzene	10.080	112	100774	19.446	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	36582	19.944	ug/l	99
66) Ethyl Benzene	10.189	91	166770	19.685	ug/l	97
67) m/p-Xylenes	10.299	106	132126	39.883	ug/l	97
68) o-Xylene	10.640	106	65379	19.606	ug/l	98
69) Styrene	10.653	104	109890	19.654	ug/l	100
70) Isopropylbenzene	10.957	105	169114	20.069	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	58021	20.044	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	61633	23.609	ug/l	90
73) Bromobenzene	11.195	156	46752	18.882	ug/l	96
74) n-propylbenzene	11.305	91	192104	20.218	ug/l	100
75) 2-Chlorotoluene	11.360	91	120499	20.195	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	143375	19.934	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	15473	18.857	ug/l	91
78) 4-Chlorotoluene	11.451	91	134047	19.725	ug/l	97
79) tert-butylbenzene	11.713	119	150226	19.625	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	143670	19.929	ug/l	99
81) sec-Butylbenzene	11.890	105	178610	19.968	ug/l	100
82) p-Isopropyltoluene	12.006	119	156642	20.005	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	87700	19.750	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	88153	19.647	ug/l	99
85) n-Butylbenzene	12.329	91	124852	19.815	ug/l	99
86) Hexachloroethane	12.536	117	25634	19.445	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	89317	19.707	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	12621	19.853	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	60239	19.781	ug/l	98
90) Hexachlorobutadiene	13.725	225	30240	20.354	ug/l	100
91) Naphthalene	13.774	128	177633	19.516	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	61530	19.776	ug/l	100

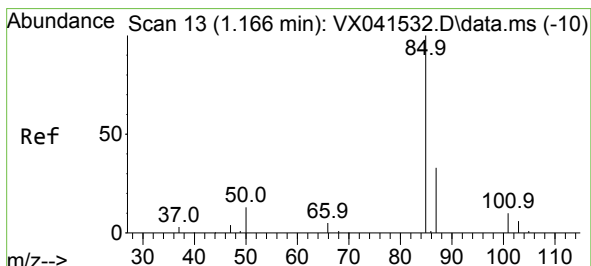
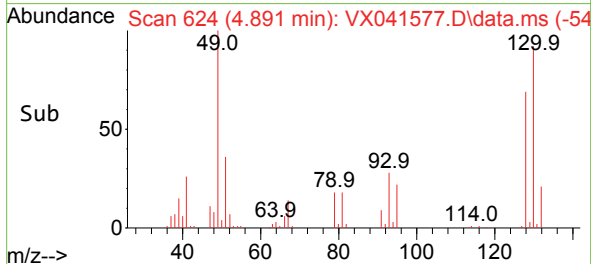
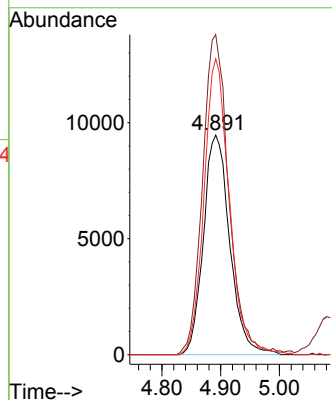
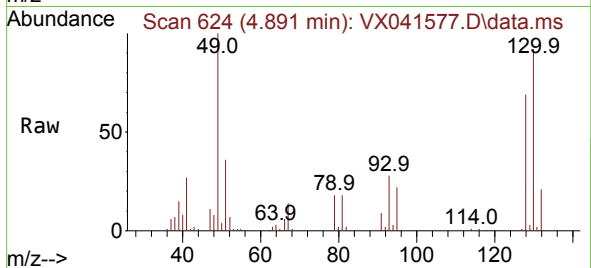
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.891 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VX041577.D
 Acq: 21 May 2024 09:43

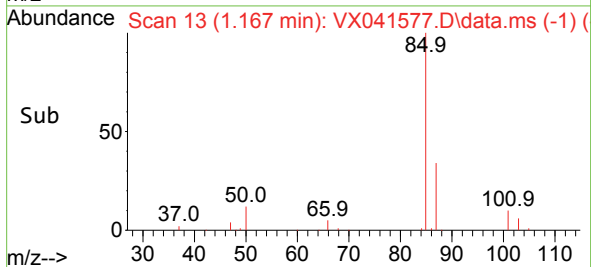
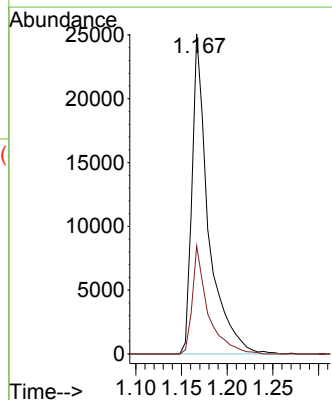
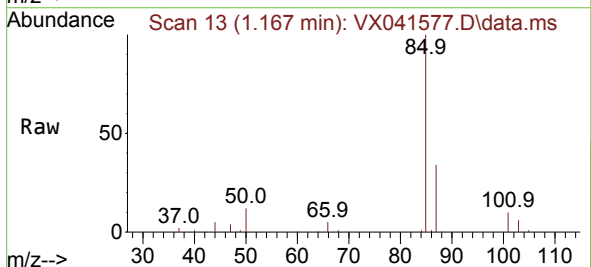
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

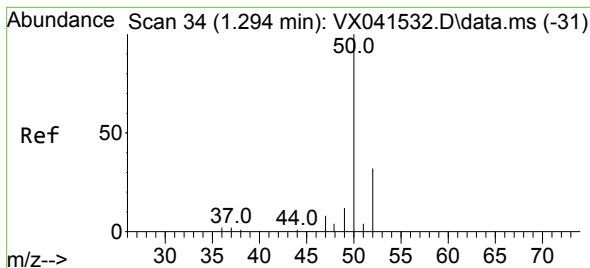
Tgt Ion:128 Resp: 29393
 Ion Ratio Lower Upper
 128 100
 49 144.8 0.0 361.5
 130 128.6 0.0 324.3



#2
 Dichlorodifluoromethane
 Concen: 20.382 ug/l
 RT: 1.167 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX041577.D
 Acq: 21 May 2024 09:43

Tgt Ion: 85 Resp: 31335
 Ion Ratio Lower Upper
 85 100
 87 33.8 16.4 49.1





#3

Chloromethane

Concen: 19.000 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

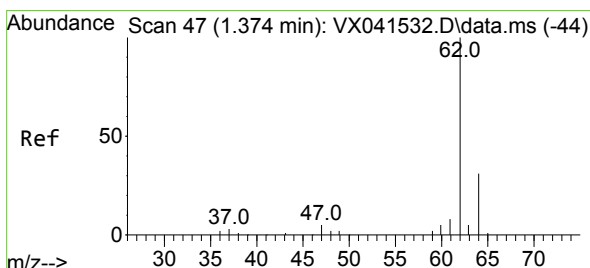
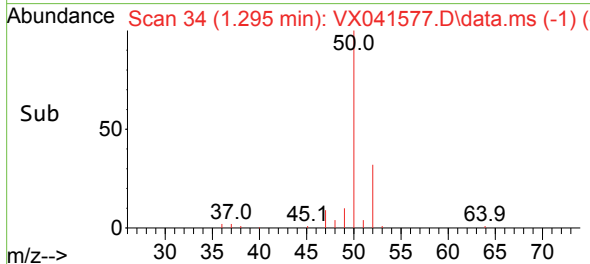
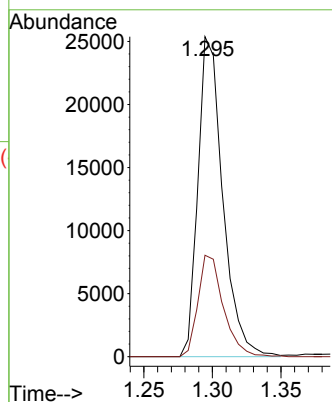
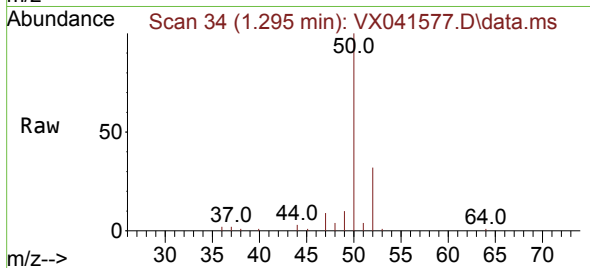
VSTDCCC020

Tgt Ion: 50 Resp: 31986

Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.8



#4

Vinyl Chloride

Concen: 19.129 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041577.D

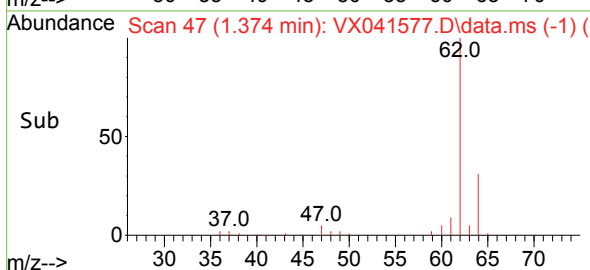
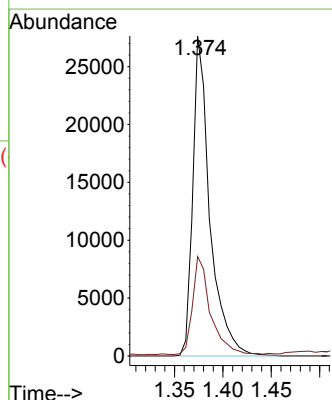
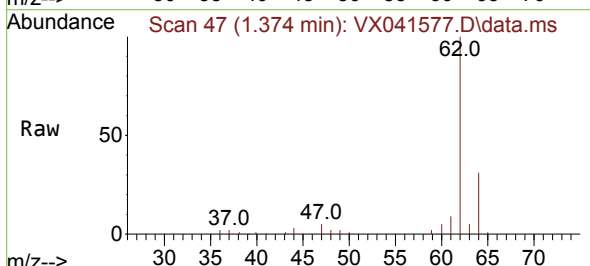
Acq: 21 May 2024 09:43

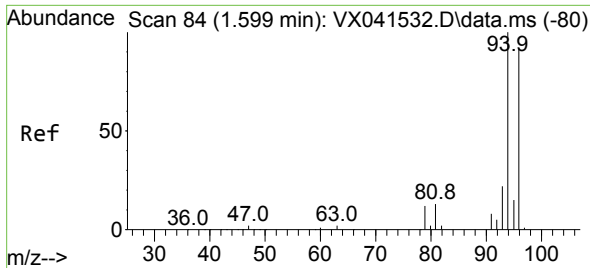
Tgt Ion: 62 Resp: 33905

Ion Ratio Lower Upper

62 100

64 30.4 24.6 37.0

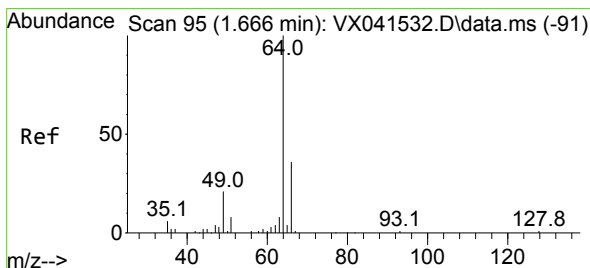
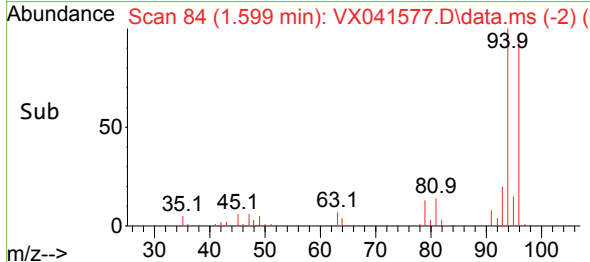
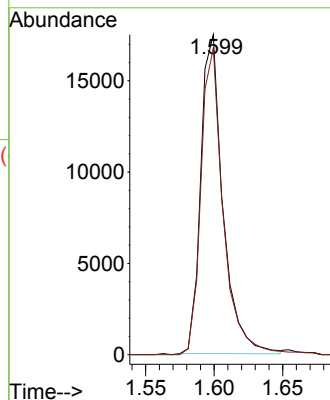
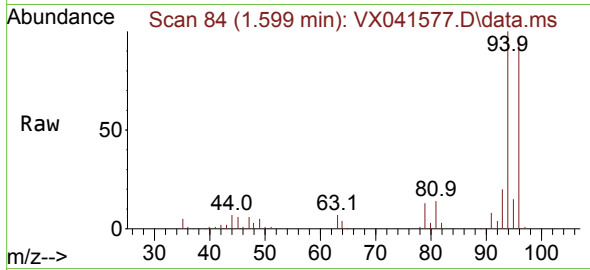




#5
Bromomethane
Concen: 17.453 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

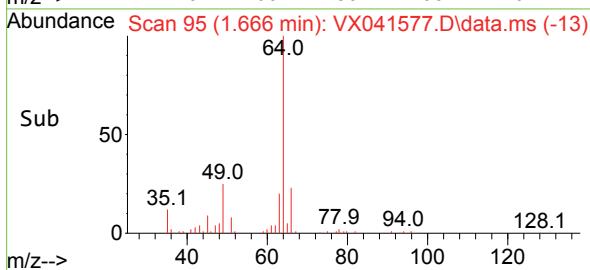
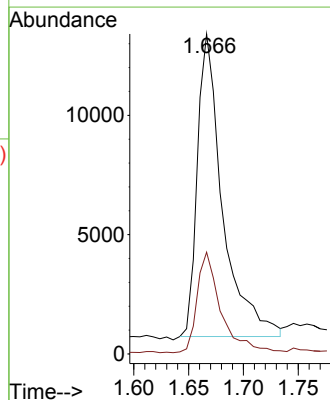
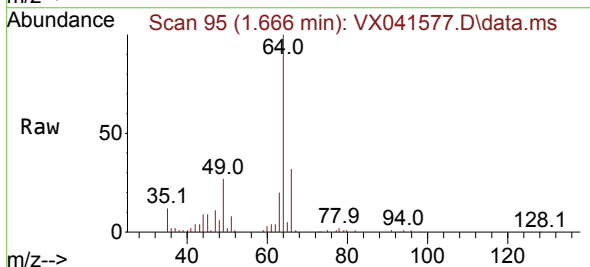
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

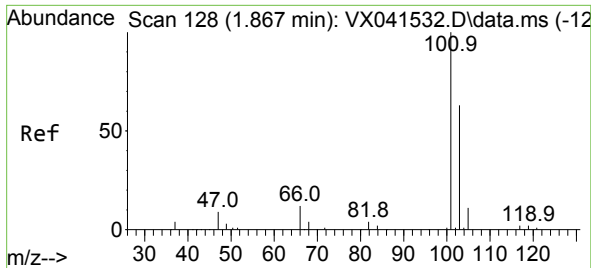
Tgt Ion: 94 Resp: 19676
Ion Ratio Lower Upper
94 100
96 96.1 73.9 110.9



#6
Chloroethane
Concen: 22.657 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 64 Resp: 20304
Ion Ratio Lower Upper
64 100
66 33.0 28.6 42.8

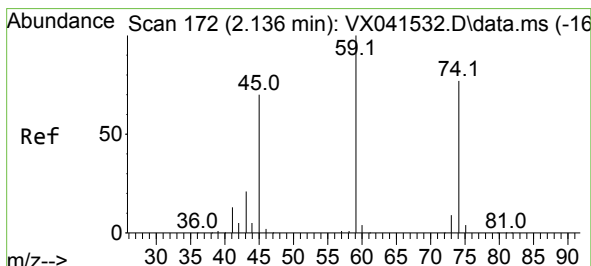
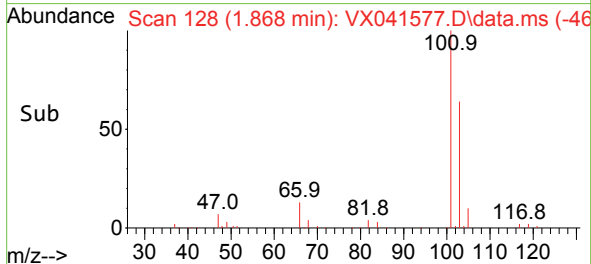
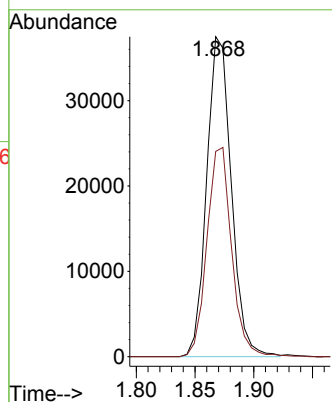
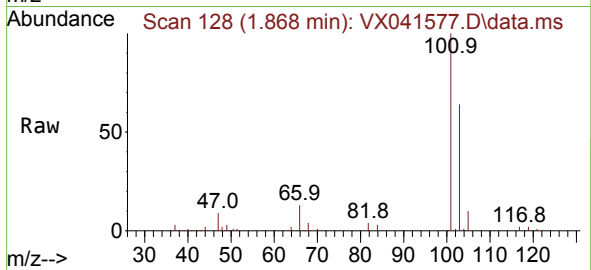




#7
 Trichlorofluoromethane
 Concen: 20.330 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041577.D
 Acq: 21 May 2024 09:43

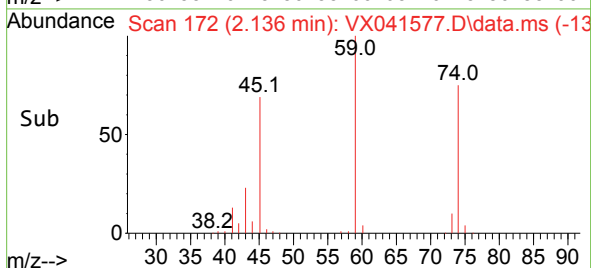
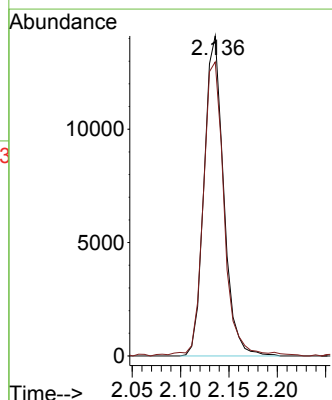
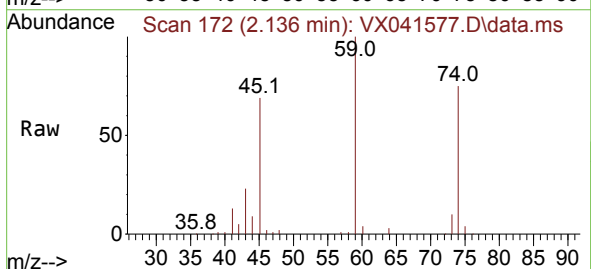
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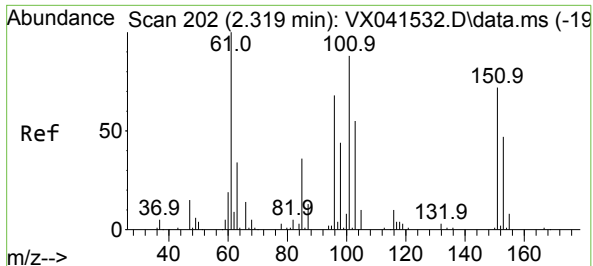
Tgt Ion:101 Resp: 54696
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.781 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041577.D
 Acq: 21 May 2024 09:43

Tgt Ion: 74 Resp: 19874
 Ion Ratio Lower Upper
 74 100
 45 96.3 18.6 167.4

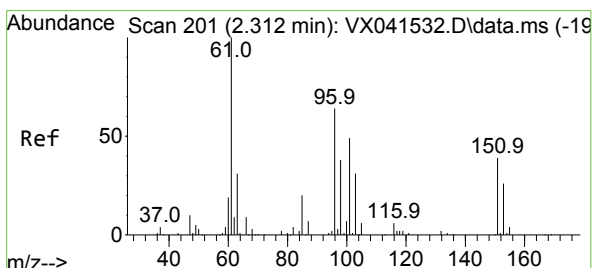
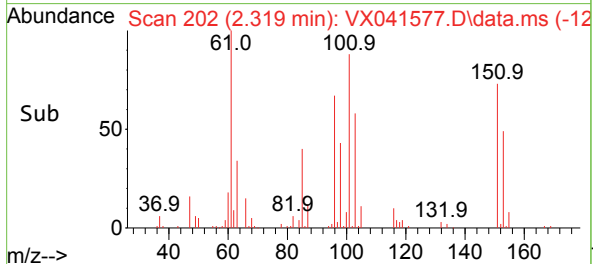
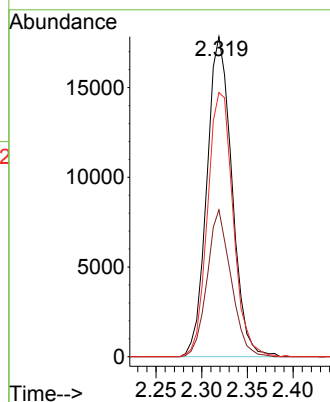
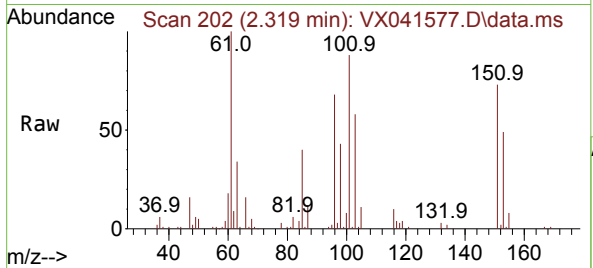




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.762 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

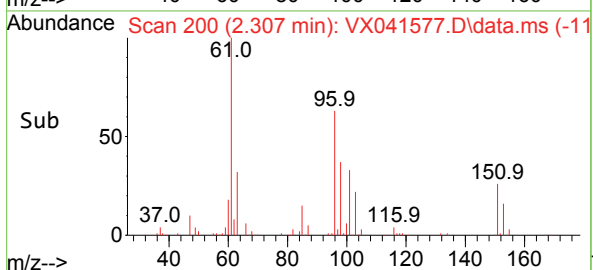
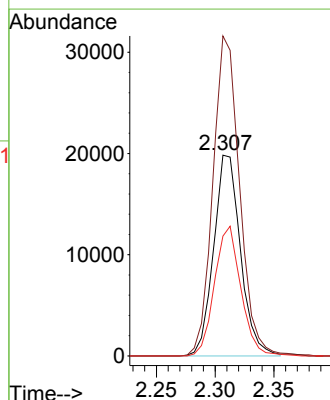
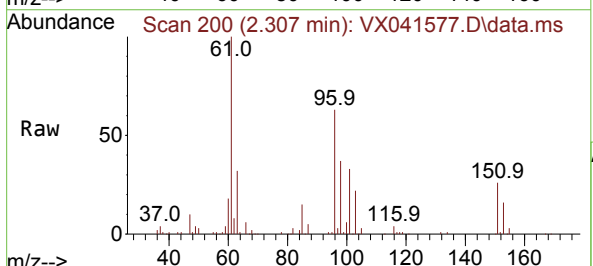
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

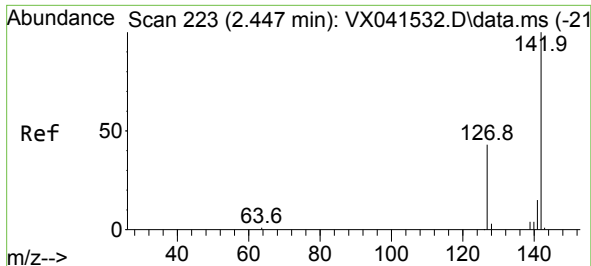
Tgt Ion:101 Resp: 33952
Ion Ratio Lower Upper
101 100
85 43.8 0.0 84.6
151 84.4 0.0 170.2



#10
1,1-Dichloroethene
Concen: 20.977 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

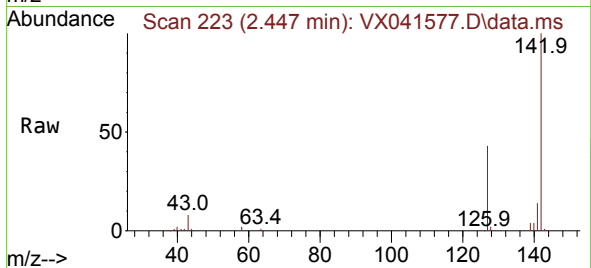
Tgt Ion: 96 Resp: 31546
Ion Ratio Lower Upper
96 100
61 159.4 124.5 186.7
98 59.7 47.9 71.9



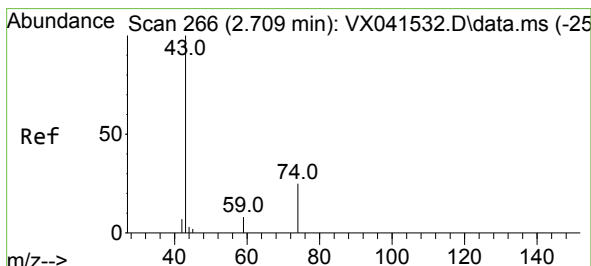
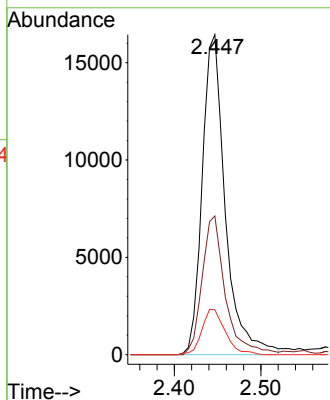
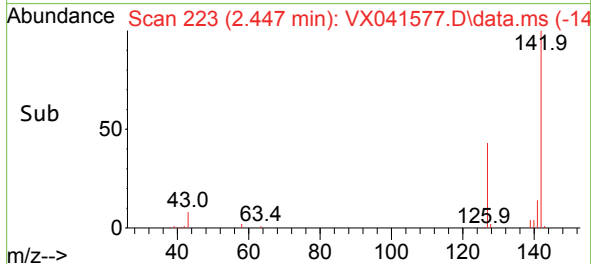


#11
Methyl Iodide
Concen: 16.932 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

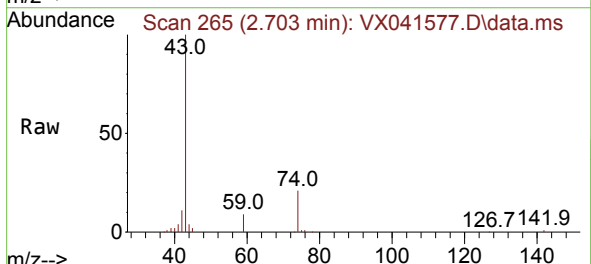
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



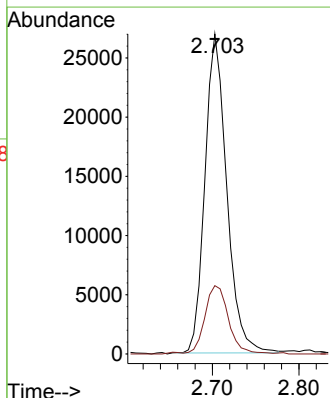
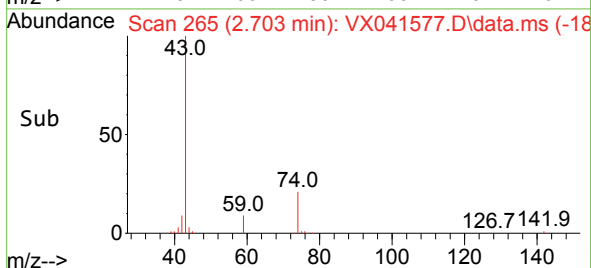
Tgt Ion:142 Resp: 30328
Ion Ratio Lower Upper
142 100
127 43.4 21.4 64.2
141 14.2 7.6 22.8

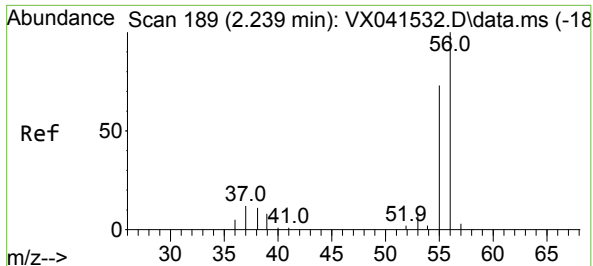


#12
Methyl Acetate
Concen: 20.834 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43



Tgt Ion: 43 Resp: 47187
Ion Ratio Lower Upper
43 100
74 21.1 19.9 29.9

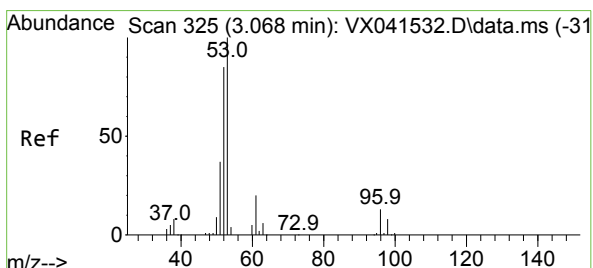
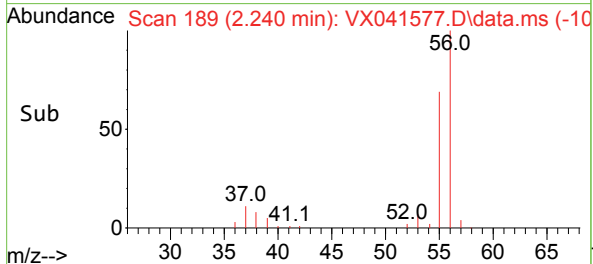
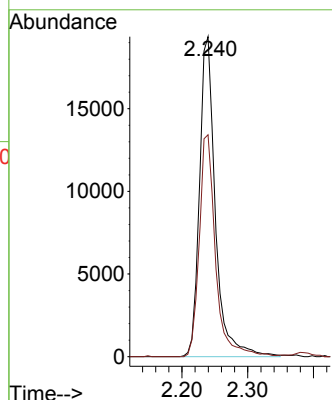
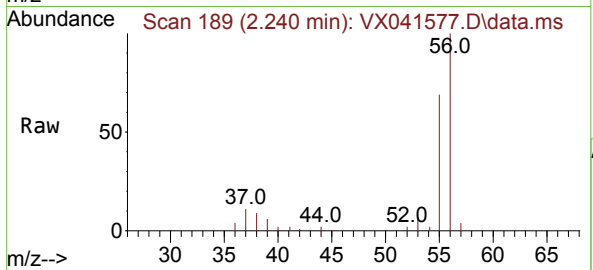




#13
Acrolein
Concen: 117.448 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

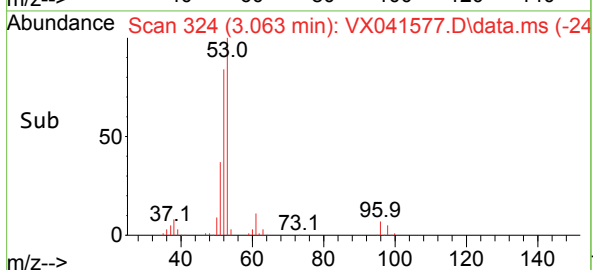
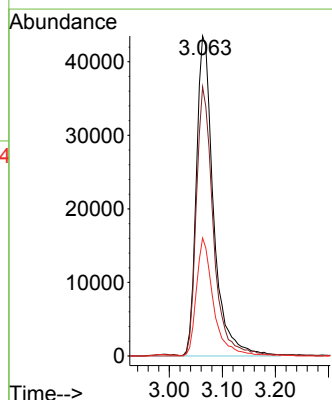
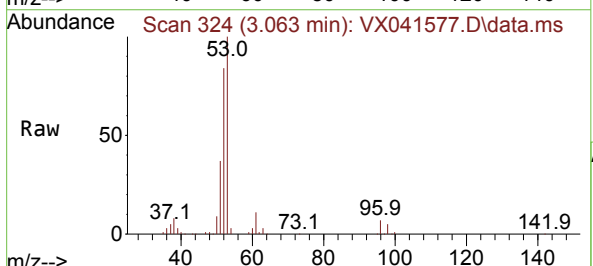
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

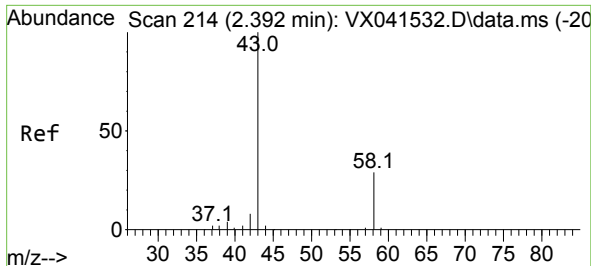
Tgt Ion: 56 Resp: 32383
Ion Ratio Lower Upper
56 100
55 70.8 55.1 82.7



#14
Acrylonitrile
Concen: 98.422 ug/l
RT: 3.063 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 53 Resp: 98006
Ion Ratio Lower Upper
53 100
52 82.9 41.3 123.7
51 36.6 18.4 55.0





#15

Acetone

Concen: 131.867 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

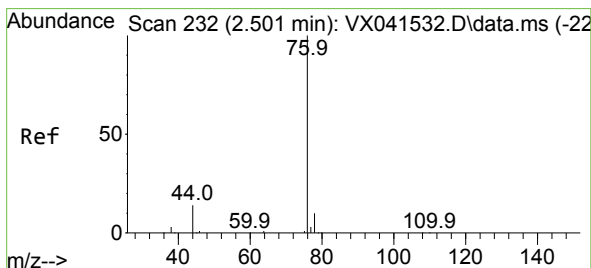
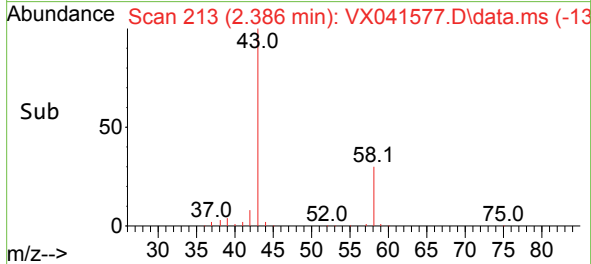
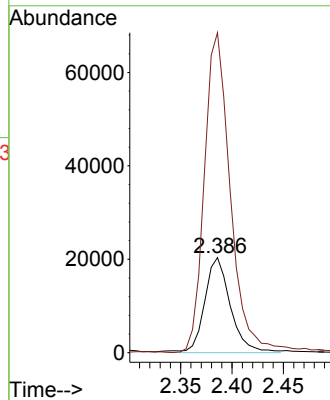
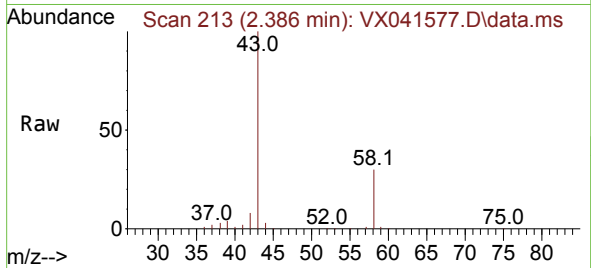
VSTDCCC020

Tgt Ion: 58 Resp: 35182

Ion Ratio Lower Upper

58 100

43 342.4 274.0 411.0



#16

Carbon Disulfide

Concen: 20.120 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX041577.D

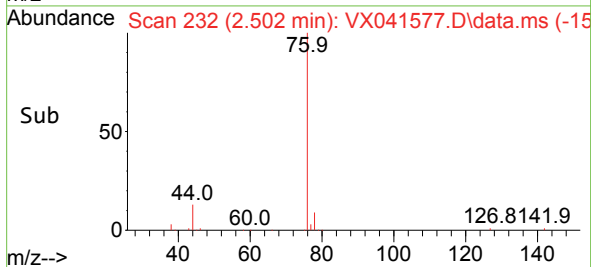
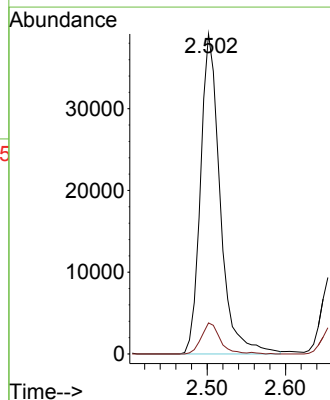
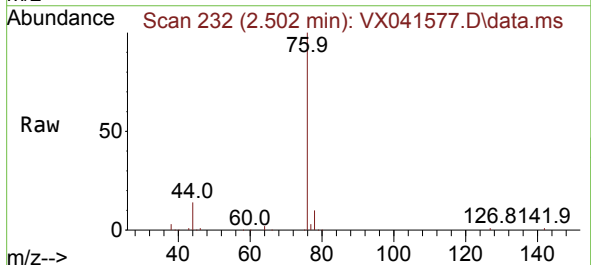
Acq: 21 May 2024 09:43

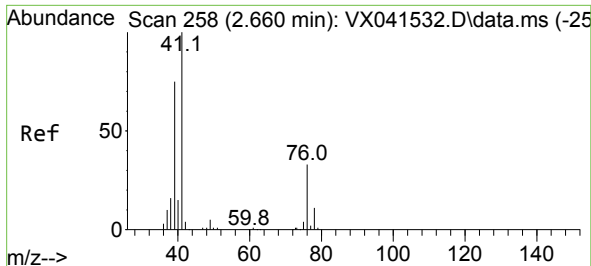
Tgt Ion: 76 Resp: 68316

Ion Ratio Lower Upper

76 100

78 9.7 7.6 11.4





#17

Allyl chloride

Concen: 20.766 ug/l

RT: 2.654 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

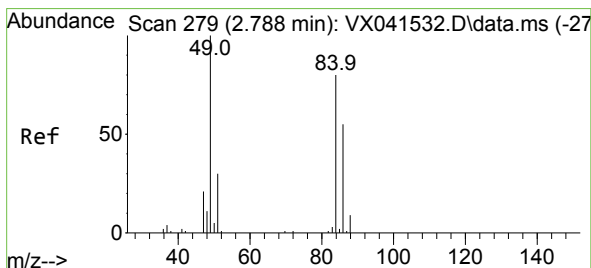
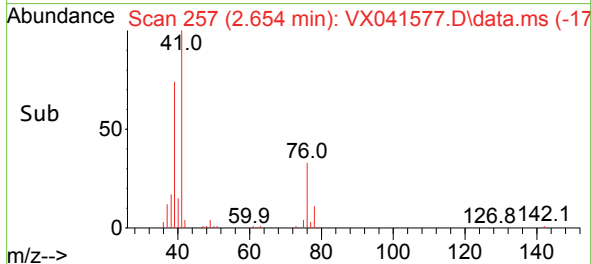
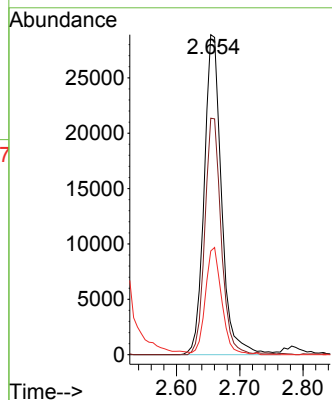
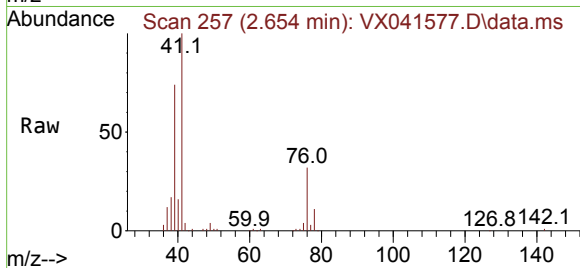
Tgt Ion: 41 Resp: 55420

Ion Ratio Lower Upper

41 100

39 73.9 37.5 112.7

76 32.4 16.6 49.8



#18

Methylene Chloride

Concen: 20.256 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Tgt Ion: 84 Resp: 36229

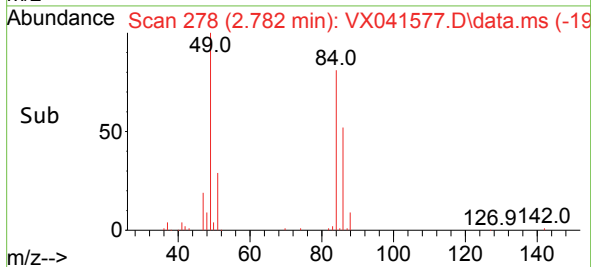
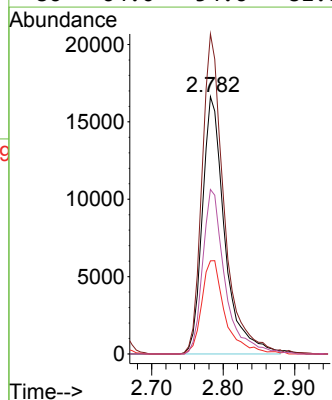
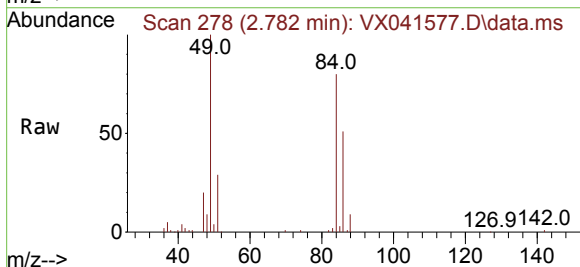
Ion Ratio Lower Upper

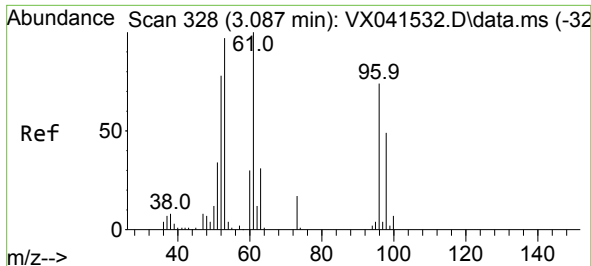
84 100

49 124.4 99.8 149.8

51 36.2 30.2 45.4

86 64.0 54.6 81.8

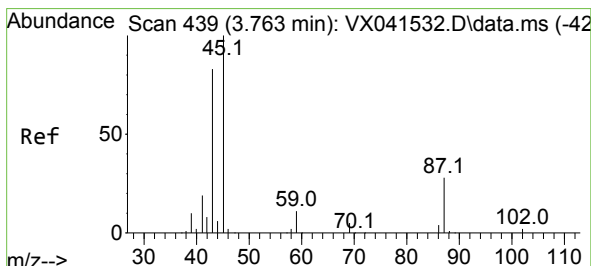
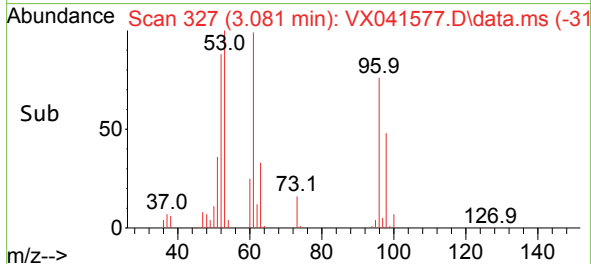
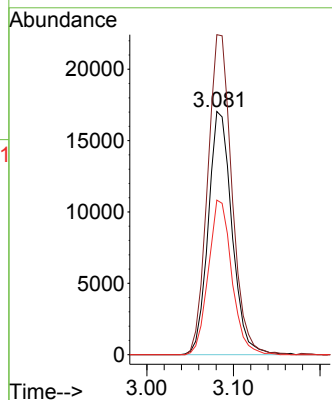
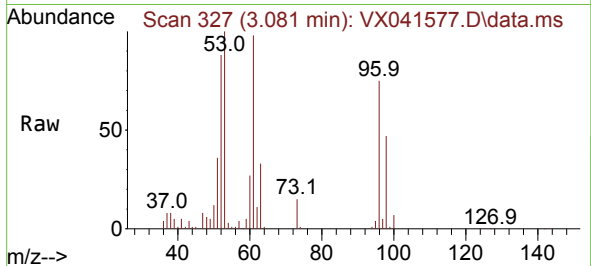




#19
trans-1,2-Dichloroethene
Concen: 18.792 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

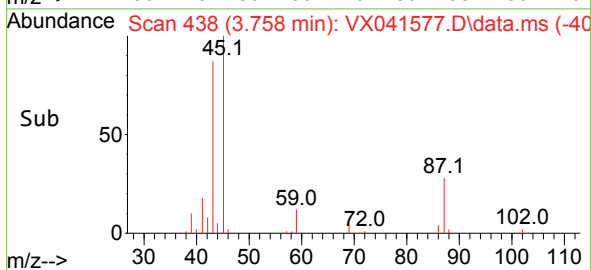
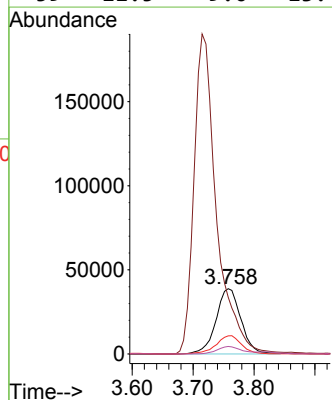
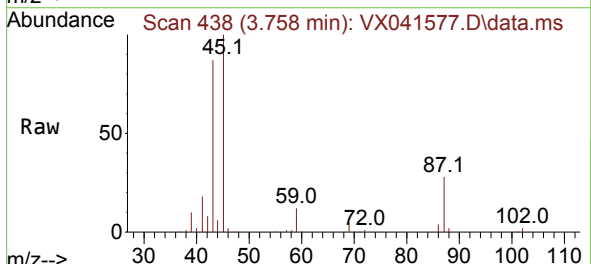
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

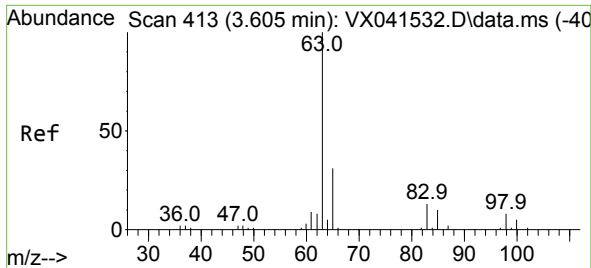
Tgt Ion: 96 Resp: 32406
Ion Ratio Lower Upper
96 100
61 131.6 107.7 161.5
98 63.6 53.1 79.7



#20
Diisopropyl ether
Concen: 19.595 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 45 Resp: 109874
Ion Ratio Lower Upper
45 100
43 84.2 66.7 100.1
87 27.6 22.4 33.6
59 11.5 9.0 13.4

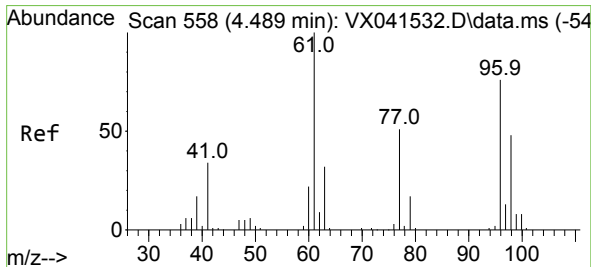
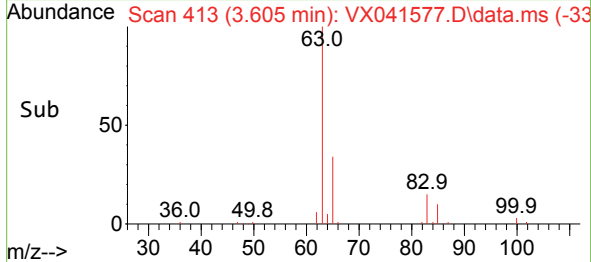
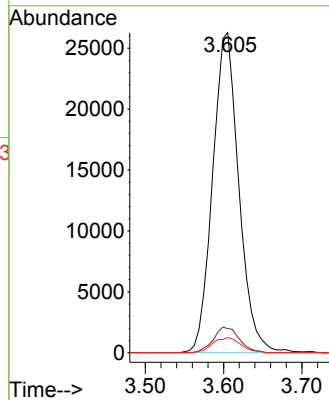
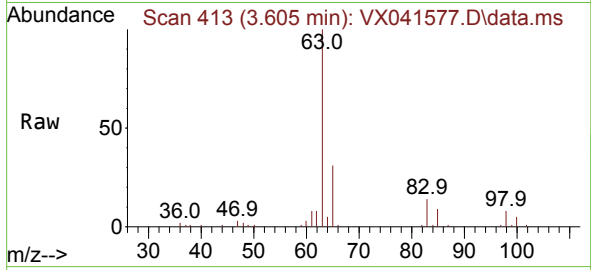




#21
 1,1-Dichloroethane
 Concen: 19.427 ug/l
 RT: 3.605 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX041577.D
 Acq: 21 May 2024 09:43

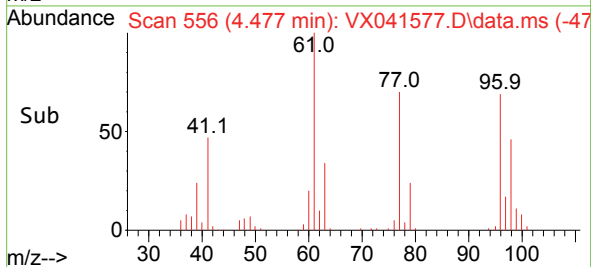
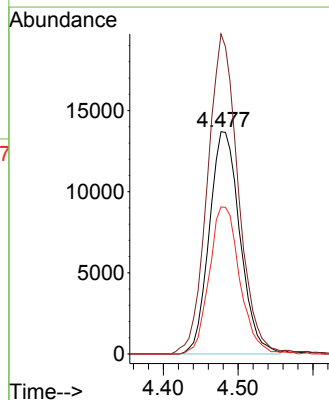
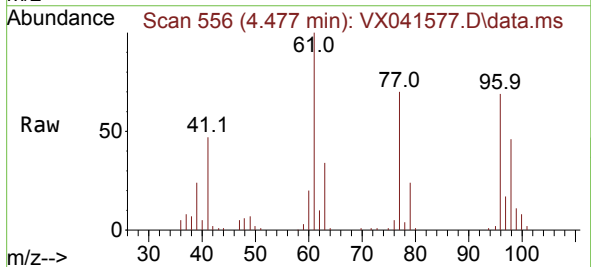
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

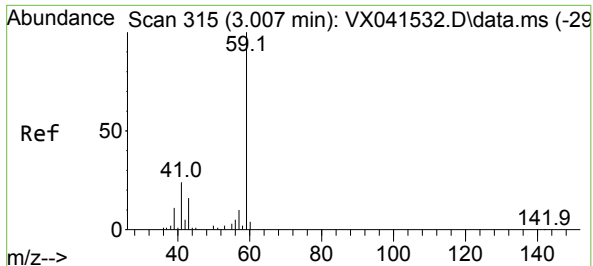
Tgt Ion: 63 Resp: 61136
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.7 2.5 7.4



#22
 cis-1,2-Dichloroethene
 Concen: 18.640 ug/l
 RT: 4.477 min Scan# 556
 Delta R.T. -0.012 min
 Lab File: VX041577.D
 Acq: 21 May 2024 09:43

Tgt Ion: 96 Resp: 39060
 Ion Ratio Lower Upper
 96 100
 61 143.9 114.2 171.4
 98 65.8 52.6 79.0

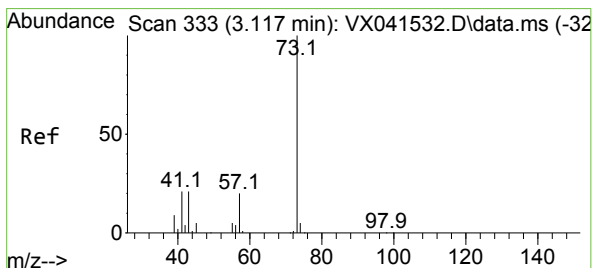
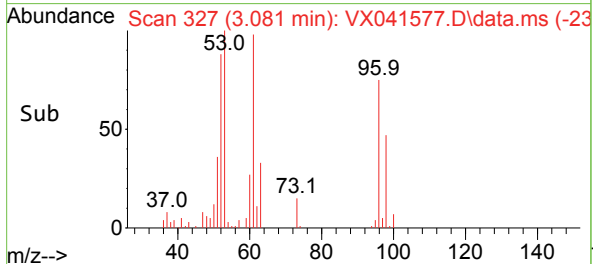
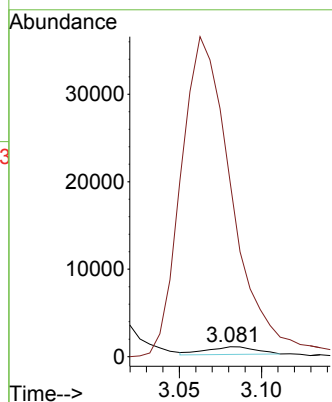
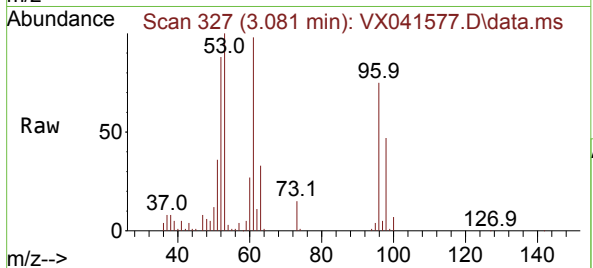




#23
tert-Butyl Alcohol
Concen: 4.274 ug/l
RT: 3.081 min Scan# 315
Delta R.T. 0.073 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

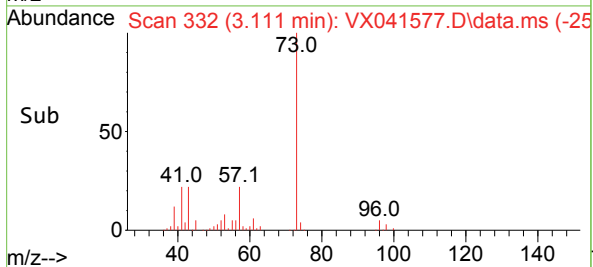
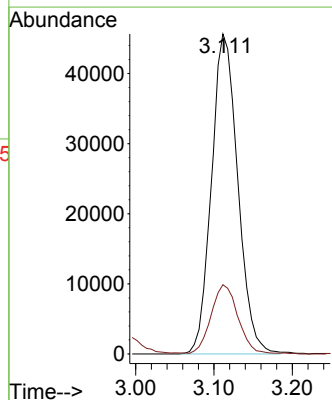
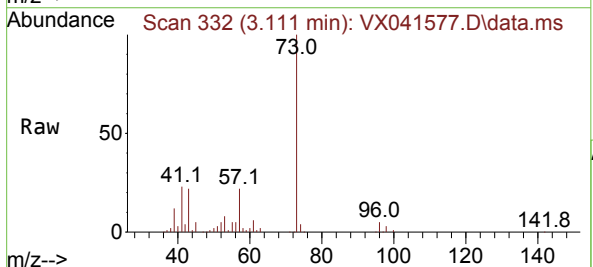
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

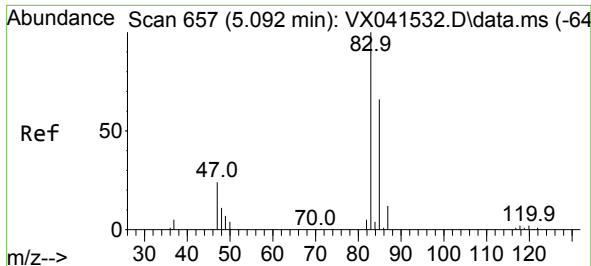
Tgt Ion: 59 Resp: 1806
Ion Ratio Lower Upper
59 100
52 4497.9 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 18.962 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 73 Resp: 106463
Ion Ratio Lower Upper
73 100
43 22.2 17.2 25.8

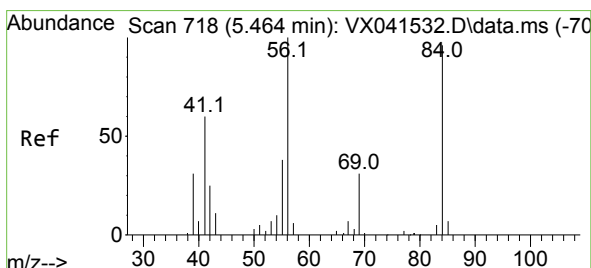
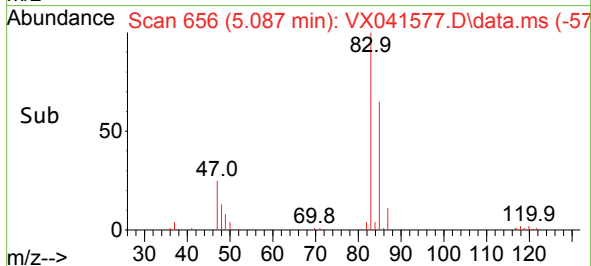
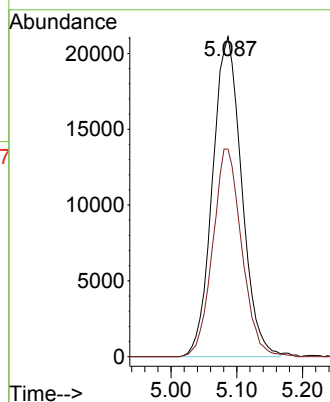
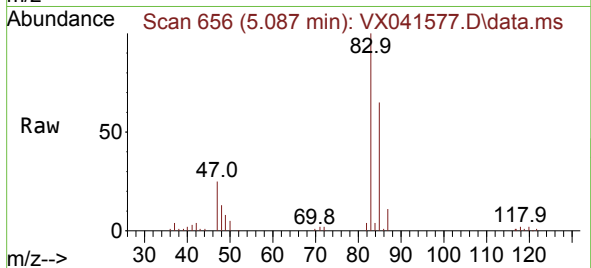




#25
Chloroform
Concen: 19.425 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

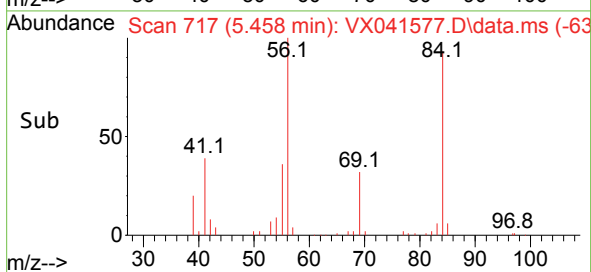
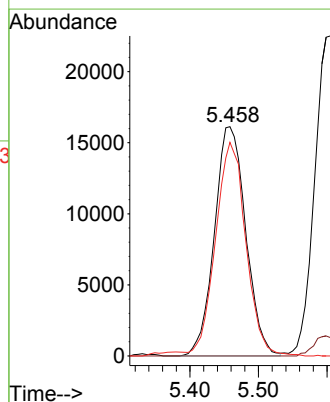
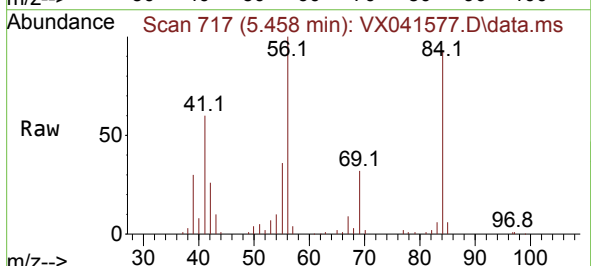
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

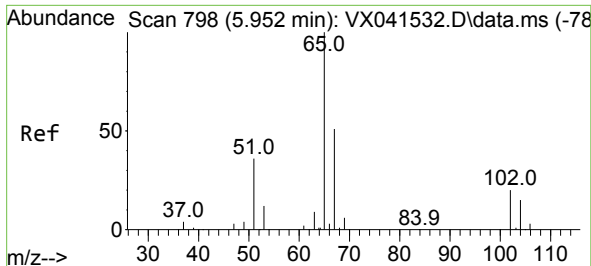
Tgt Ion: 83 Resp: 65122
Ion Ratio Lower Upper
83 100
85 64.8 52.9 79.3



#26
Cyclohexane
Concen: 19.504 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 56 Resp: 51183
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.2 74.0 111.0





#27

1,2-Dichloroethane-d4

Concen: 30.663 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

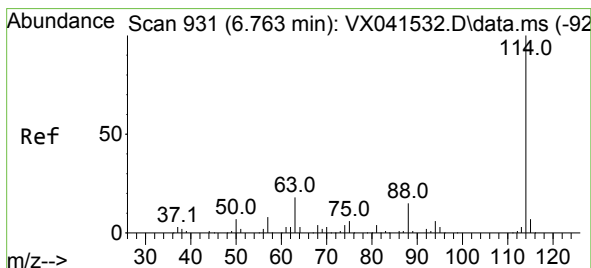
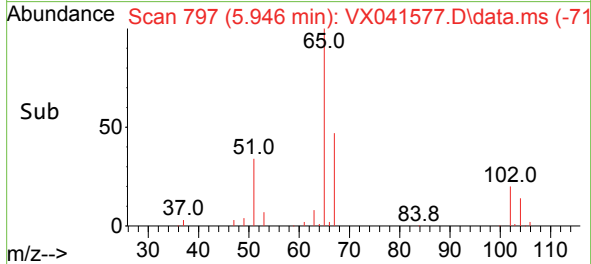
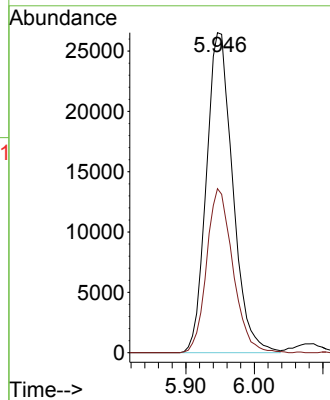
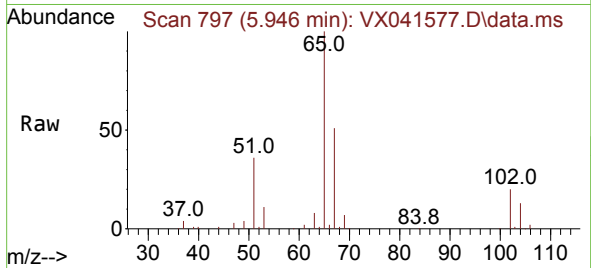
VSTDCCC020

Tgt Ion: 65 Resp: 70976

Ion Ratio Lower Upper

65 100

67 51.0 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.012 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

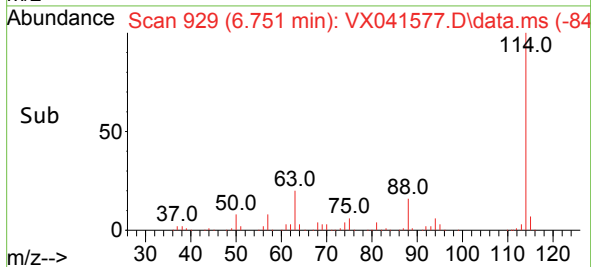
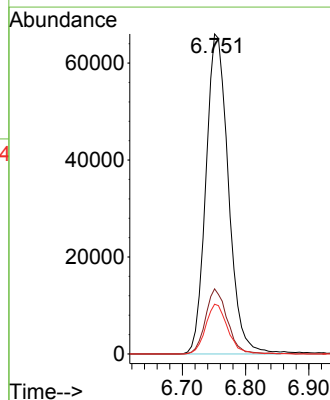
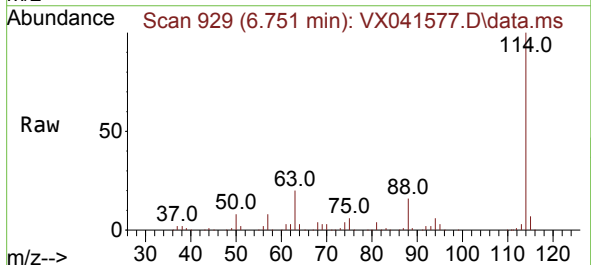
Tgt Ion: 114 Resp: 163051

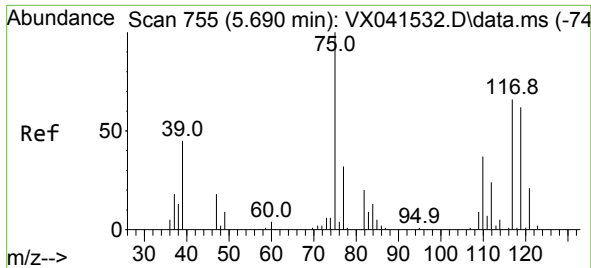
Ion Ratio Lower Upper

114 100

63 19.7 15.4 23.0

88 15.2 12.2 18.2

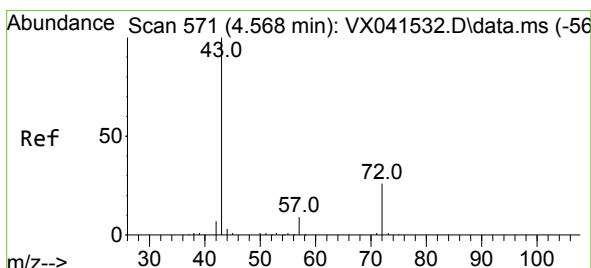
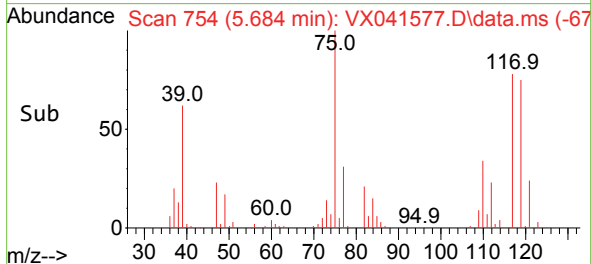
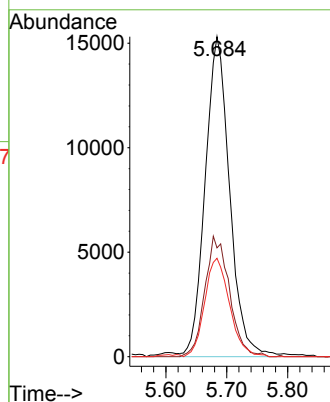
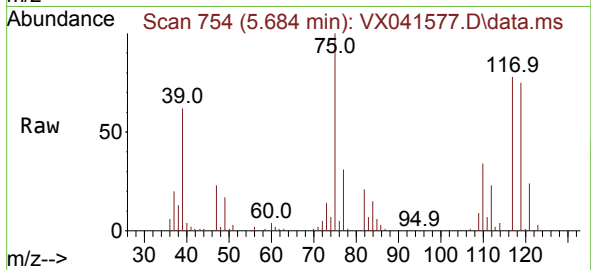




#29
1,1-Dichloropropene
Concen: 19.794 ug/l
RT: 5.684 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

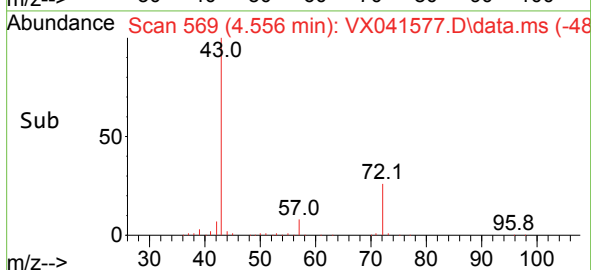
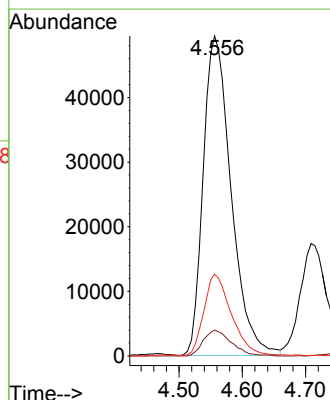
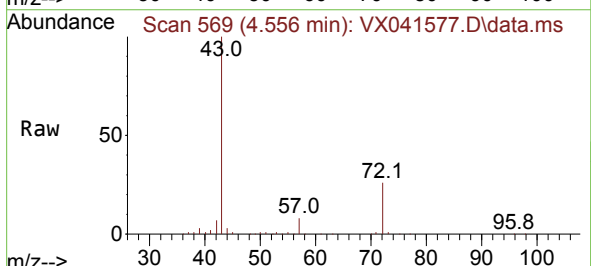
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

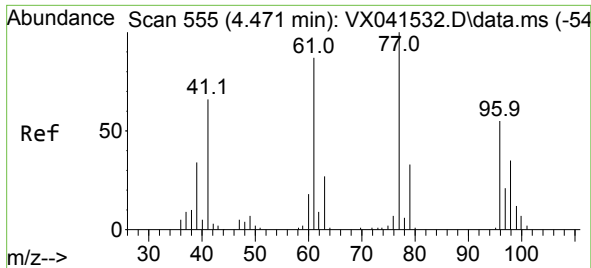
Tgt Ion: 75	Resp: 42693
Ion Ratio	Lower Upper
75 100	
110 37.7	0.0 74.4
77 31.3	0.0 62.6



#30
2-Butanone
Concen: 106.045 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 43	Resp: 151817
Ion Ratio	Lower Upper
43 100	
57 8.0	6.6 10.0
72 25.4	20.7 31.1

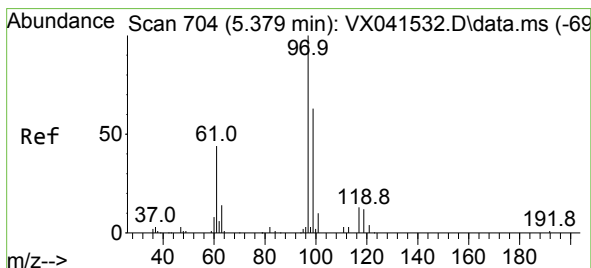
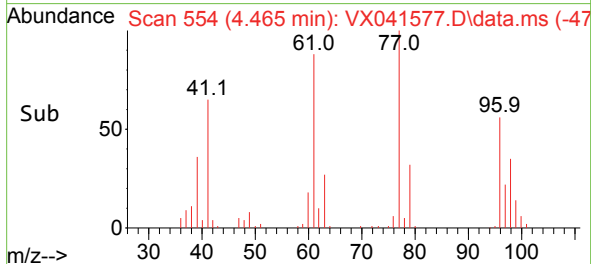
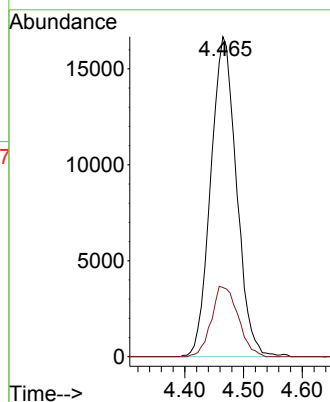
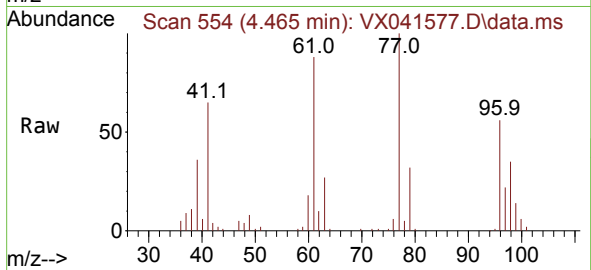




#31
2,2-Dichloropropane
Concen: 20.045 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

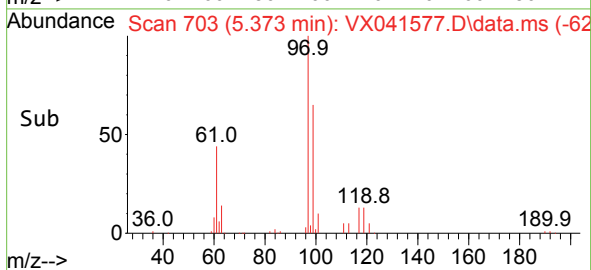
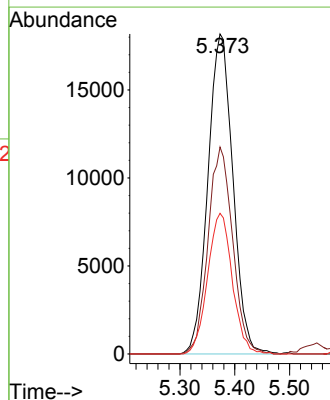
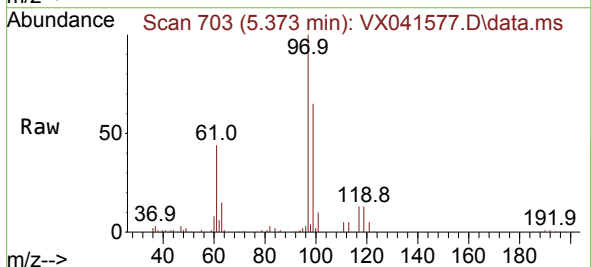
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

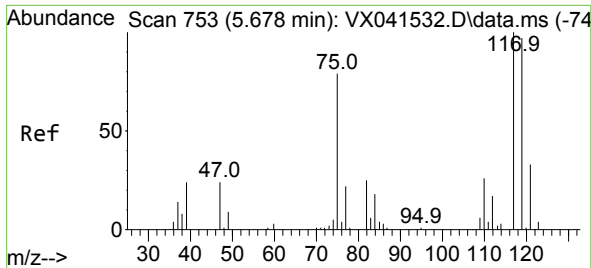
Tgt Ion: 77 Resp: 50740
Ion Ratio Lower Upper
77 100
97 22.8 18.0 27.0



#32
1,1,1-Trichloroethane
Concen: 19.879 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 97 Resp: 57532
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 43.4 34.6 51.8

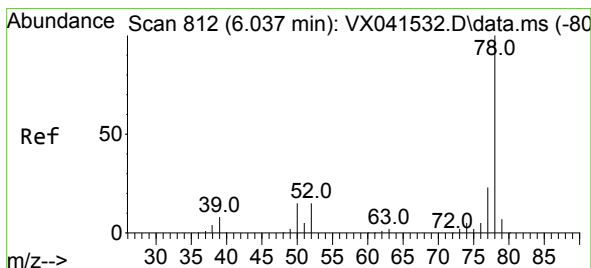
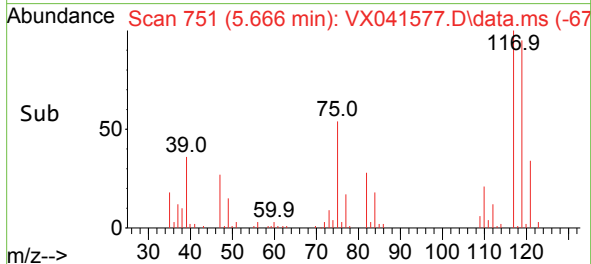
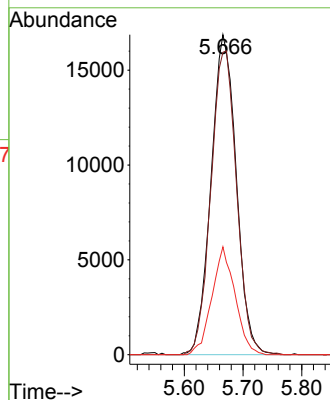
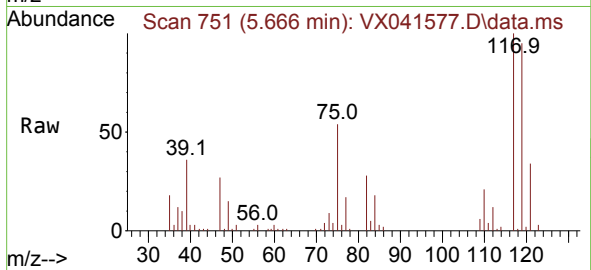




#33
Carbon Tetrachloride
Concen: 20.331 ug/l
RT: 5.666 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

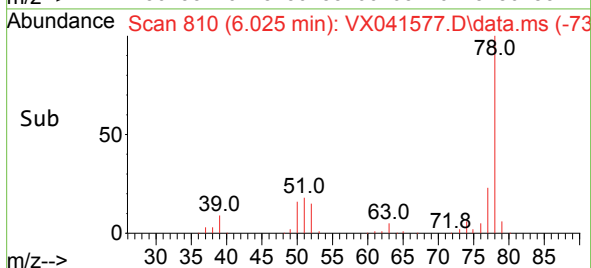
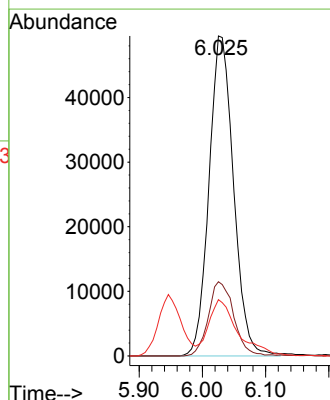
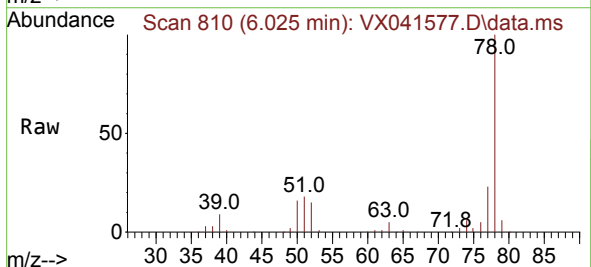
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

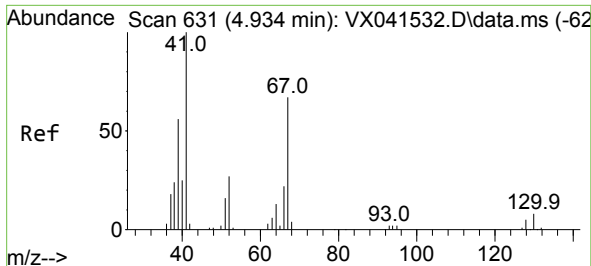
Tgt Ion:117 Resp: 50345
Ion Ratio Lower Upper
117 100
119 94.5 77.4 116.2
121 33.7 26.4 39.6



#34
Benzene
Concen: 19.576 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.012 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 78 Resp: 133348
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0
51 16.9 12.4 18.6



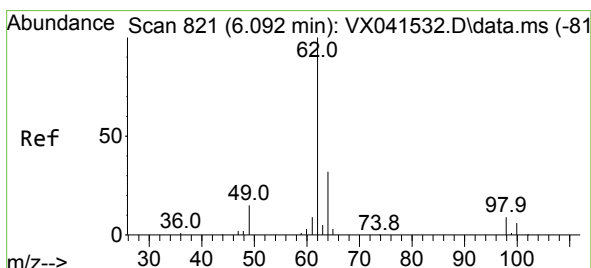
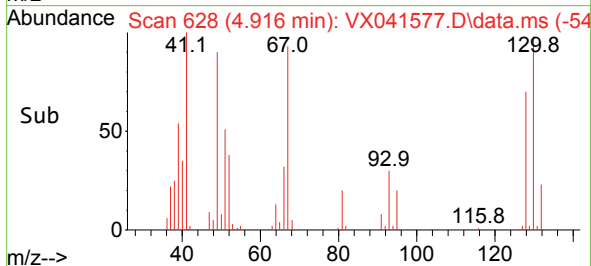
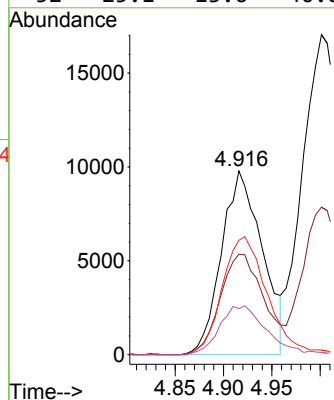
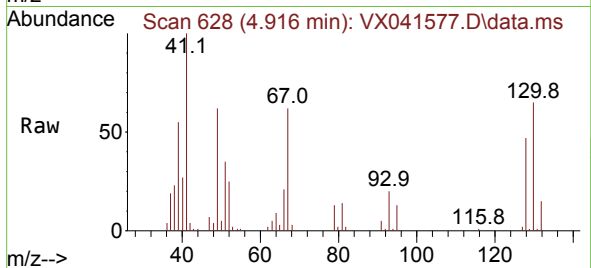


#35
Methacrylonitrile
Concen: 19.914 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 28759

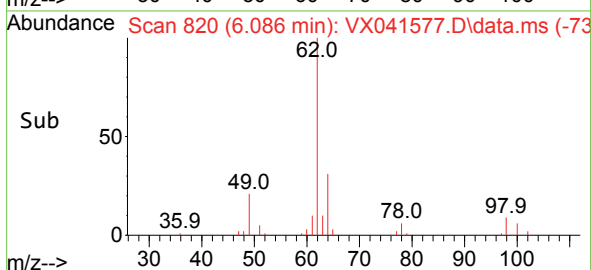
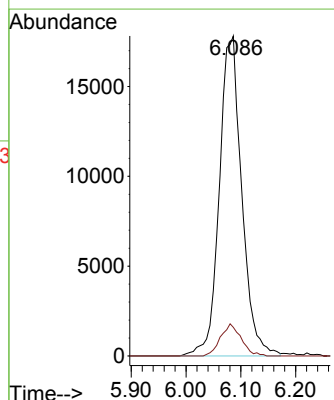
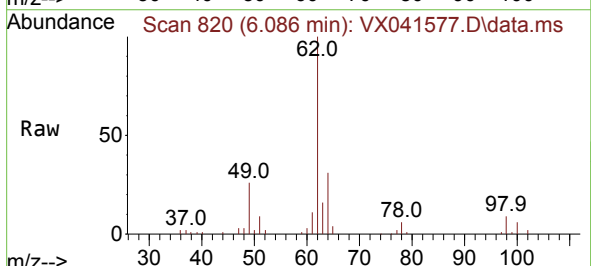
Ion	Ratio	Lower	Upper
41	100		
39	54.7	28.1	84.4
67	62.3	33.7	101.1
52	25.1	13.6	40.8

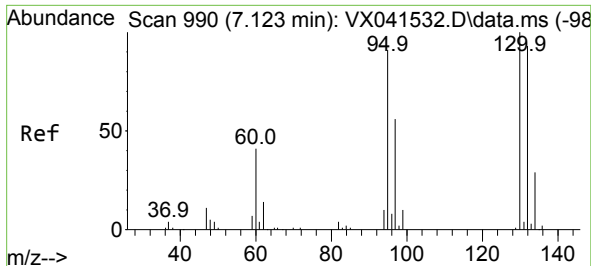


#36
1,2-Dichloroethane
Concen: 19.949 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 62 Resp: 50710

Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.4	11.0

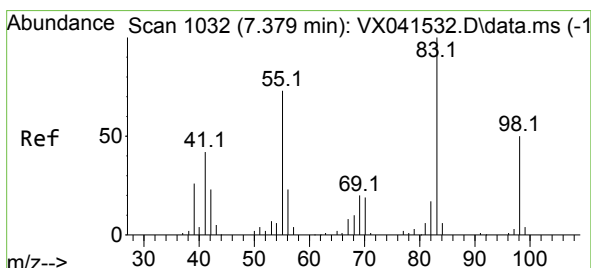
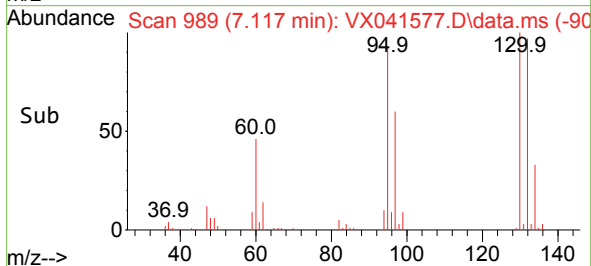
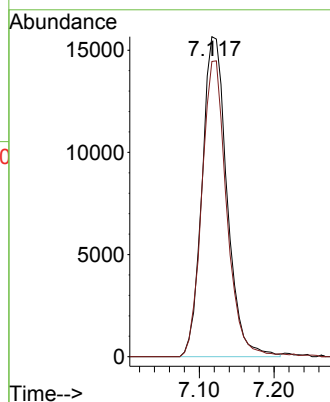
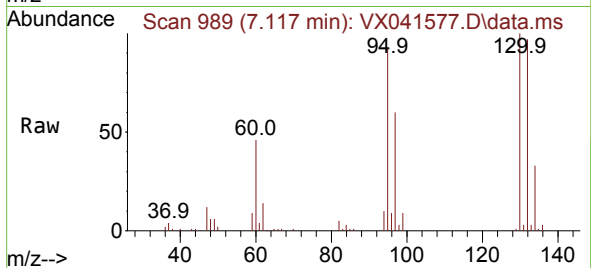




#37
Trichloroethene
Concen: 19.130 ug/l
RT: 7.117 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

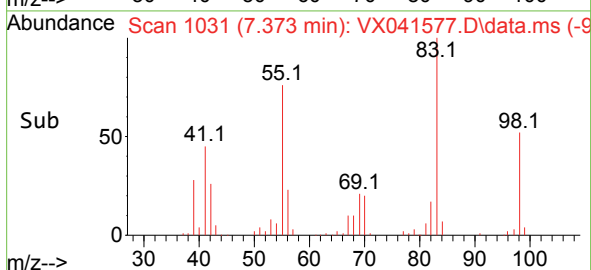
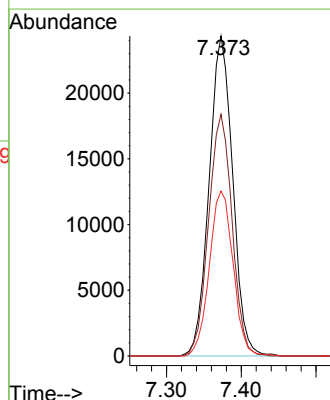
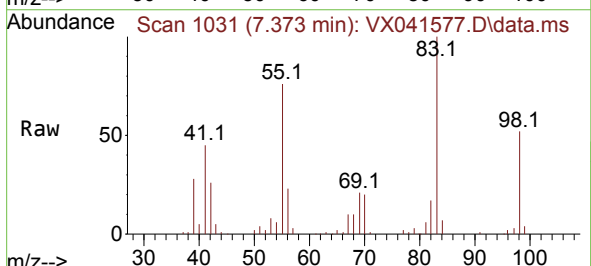
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

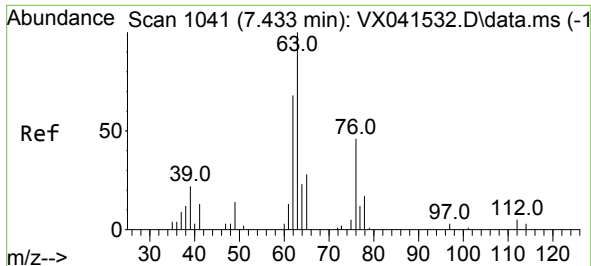
Tgt Ion:130 Resp: 36306
Ion Ratio Lower Upper
130 100
95 92.2 72.6 108.8



#38
Methylcyclohexane
Concen: 19.528 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 83 Resp: 53481
Ion Ratio Lower Upper
83 100
55 75.2 37.7 113.1
98 52.0 25.1 75.3





#39

1,2-Dichloropropane

Concen: 20.137 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

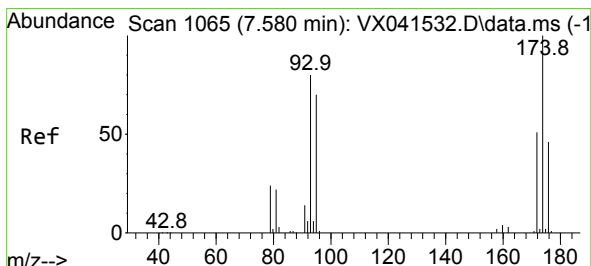
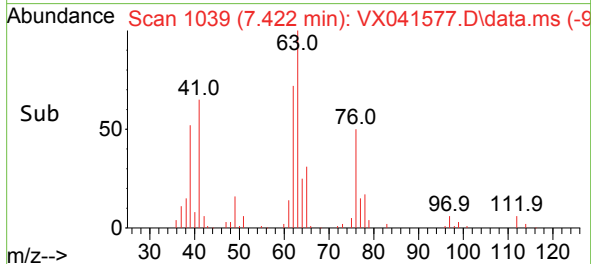
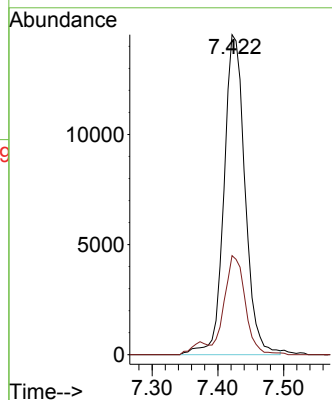
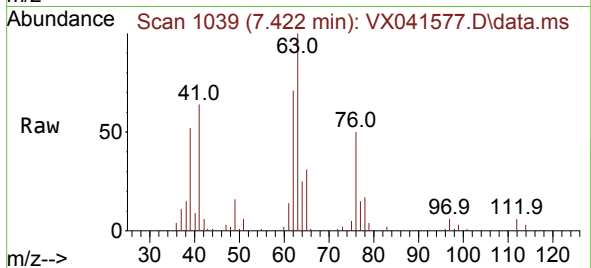
VSTDCCC020

Tgt Ion: 63 Resp: 32424

Ion Ratio Lower Upper

63 100

65 30.9 24.2 36.2



#40

Dibromomethane

Concen: 19.743 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

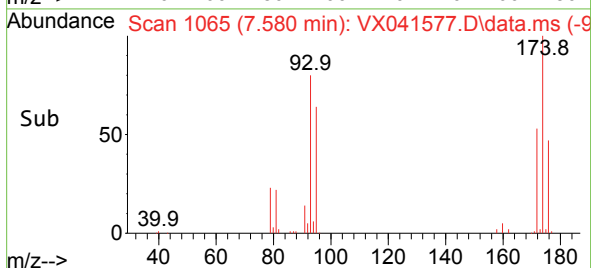
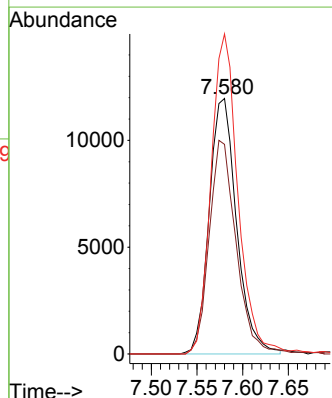
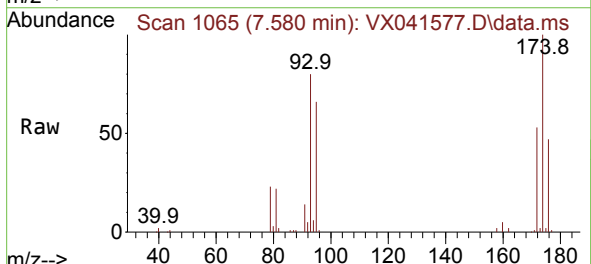
Tgt Ion: 93 Resp: 25020

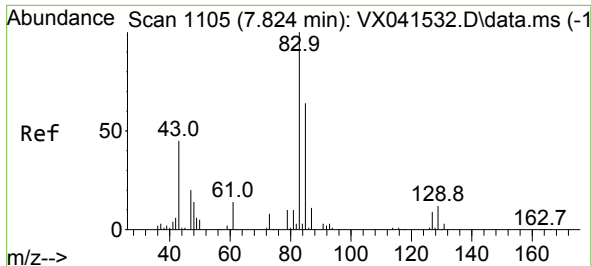
Ion Ratio Lower Upper

93 100

95 81.9 0.0 168.6

174 122.4 0.0 249.8

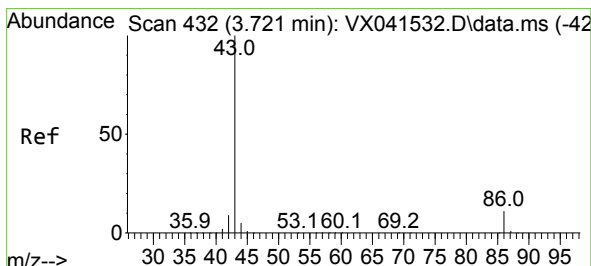
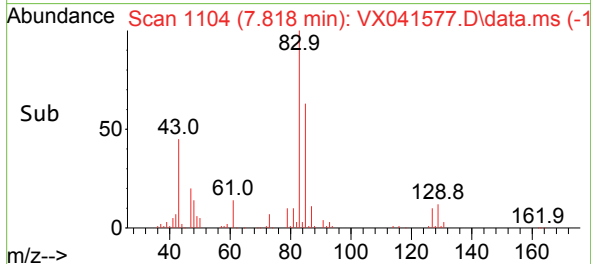
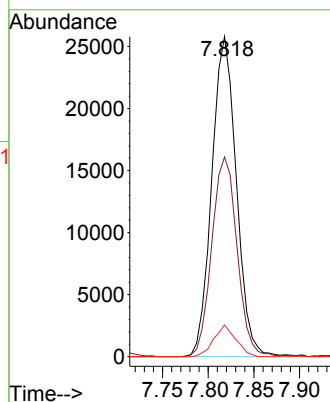
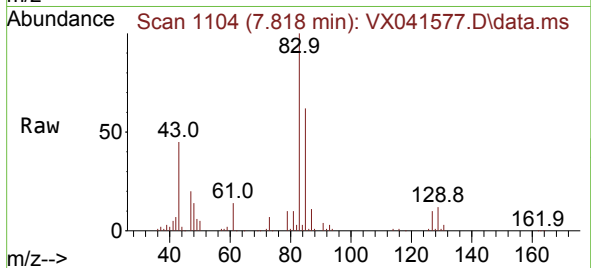




#41
Bromodichloromethane
Concen: 20.256 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

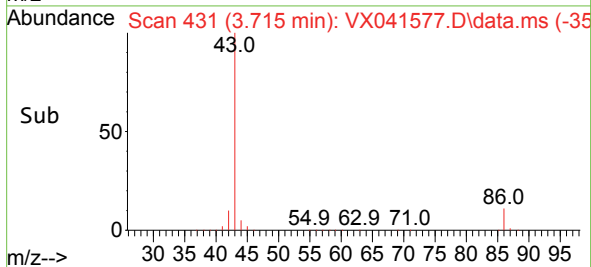
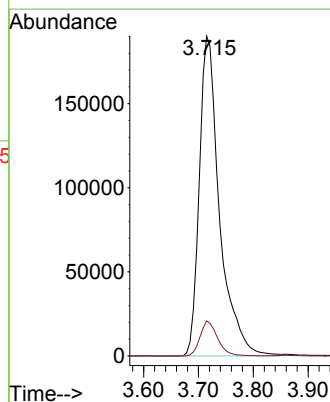
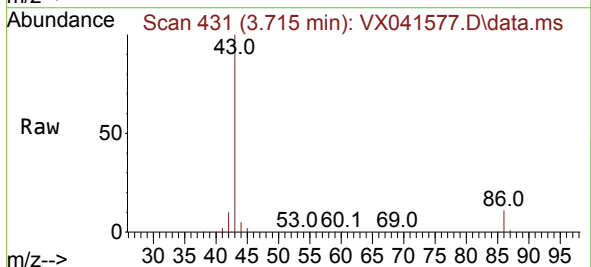
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

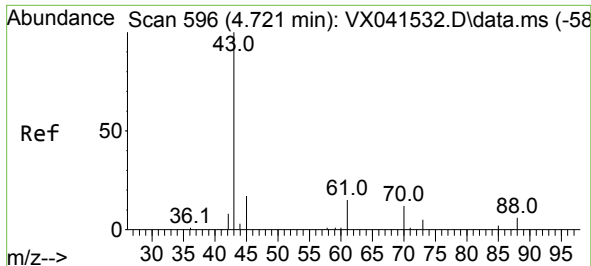
Tgt Ion: 83 Resp: 48192
Ion Ratio Lower Upper
83 100
85 62.4 51.0 76.4
127 9.9 7.1 10.7



#42
Vinyl Acetate
Concen: 98.268 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 43 Resp: 488108
Ion Ratio Lower Upper
43 100
86 9.4 7.8 11.6

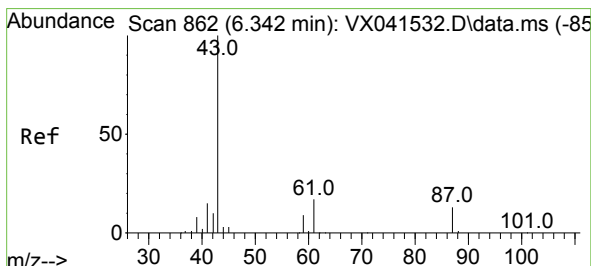
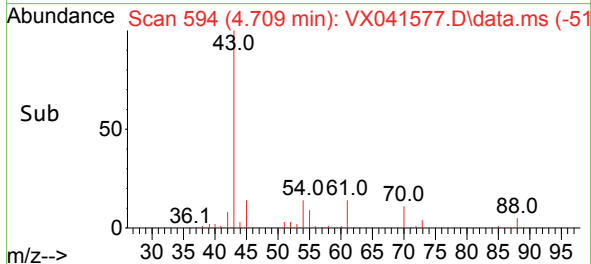
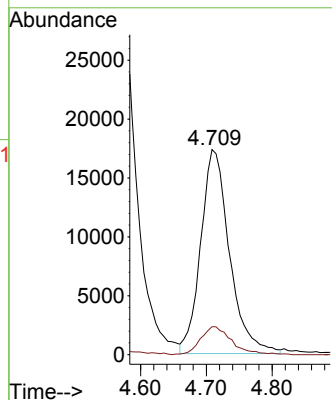
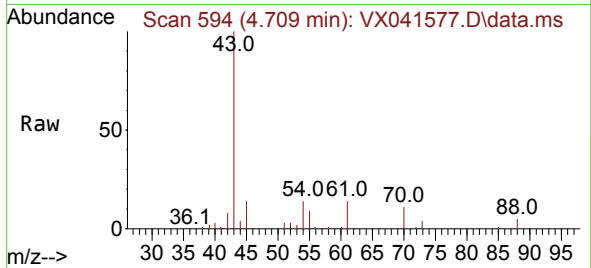




#43
Ethyl Acetate
Concen: 19.146 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

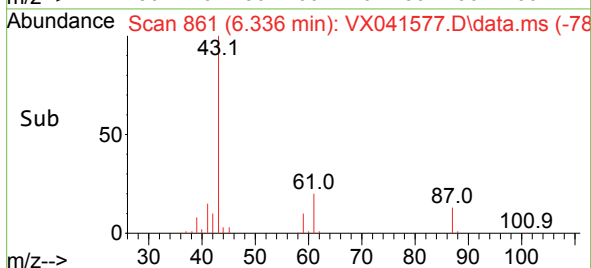
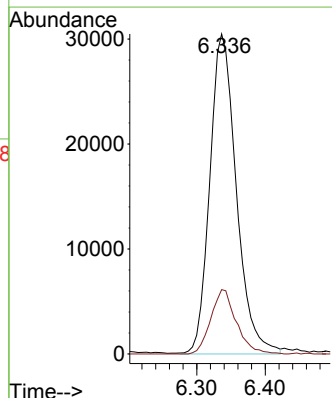
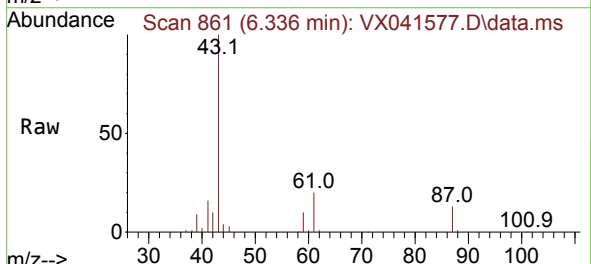
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

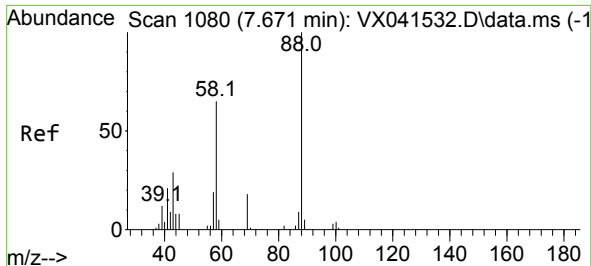
Tgt Ion: 43 Resp: 52888
Ion Ratio Lower Upper
43 100
45 14.6 11.9 17.9



#44
Isopropyl Acetate
Concen: 19.621 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 43 Resp: 81928
Ion Ratio Lower Upper
43 100
61 19.3 15.3 22.9

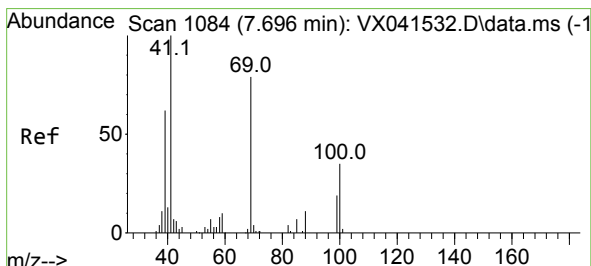
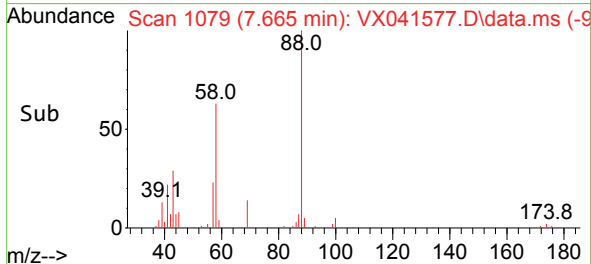
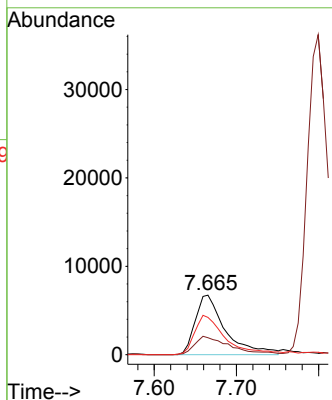
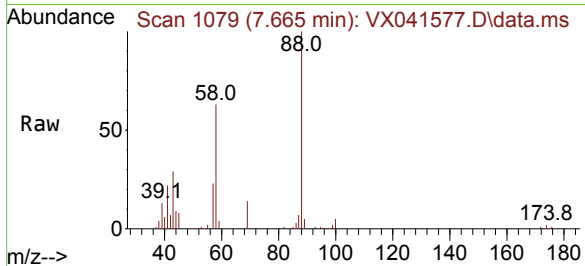




#45
1,4-Dioxane
Concen: 363.955 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

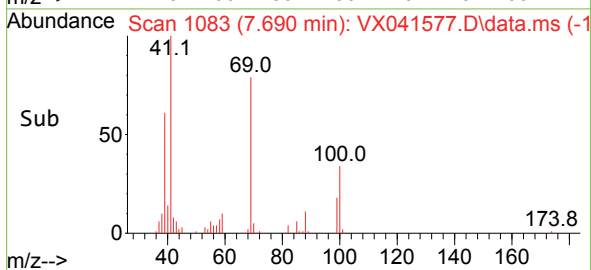
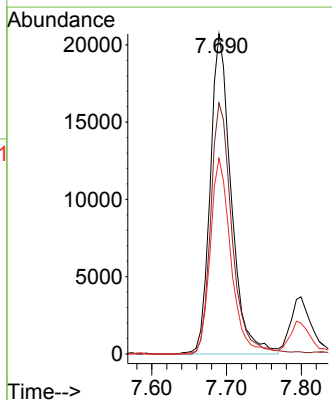
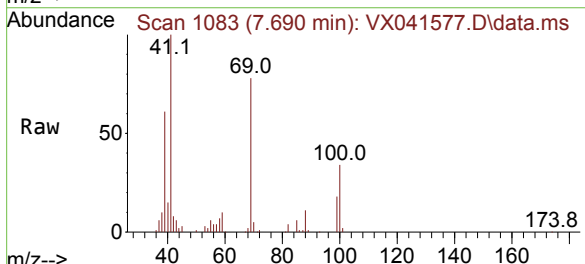
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

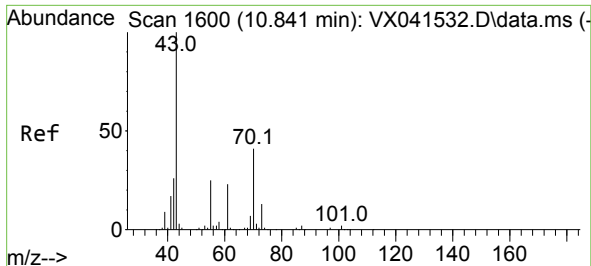
Tgt Ion: 88 Resp: 17139
Ion Ratio Lower Upper
88 100
43 36.4 24.9 37.3
58 67.4 47.0 70.4



#46
Methyl methacrylate
Concen: 19.499 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 41 Resp: 40511
Ion Ratio Lower Upper
41 100
69 78.4 39.6 119.0
39 61.1 30.9 92.8

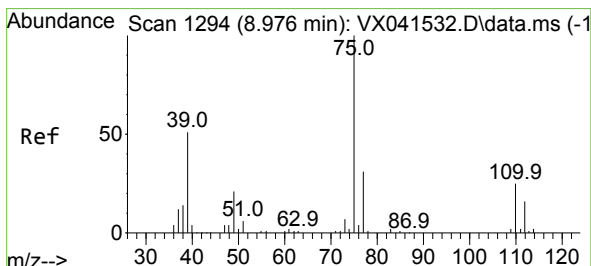
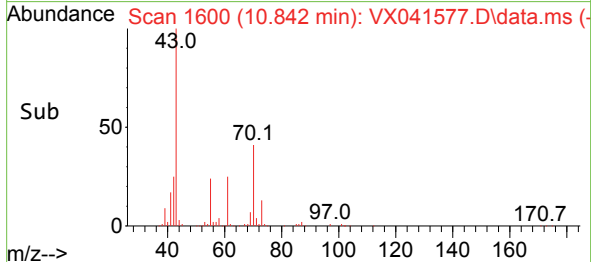
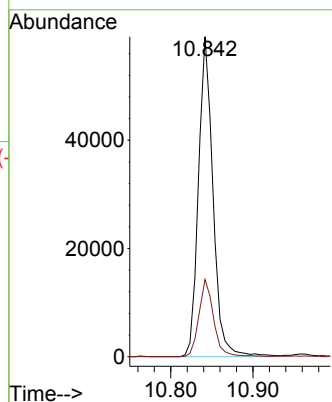
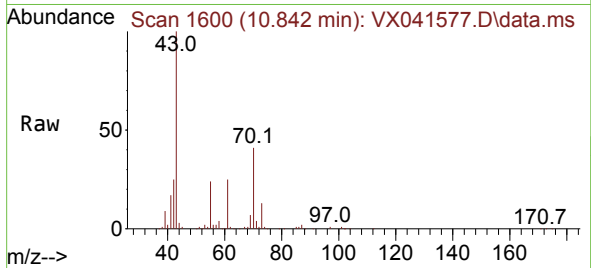




#47
n-amy1 Acetate
Concen: 19.249 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

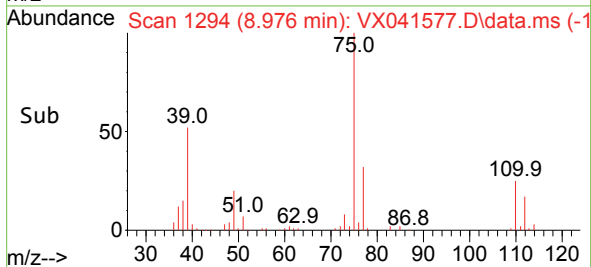
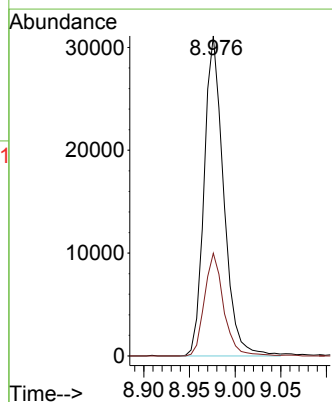
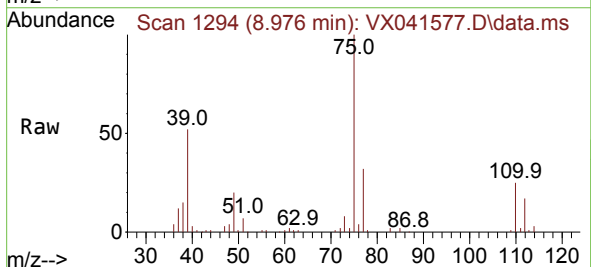
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

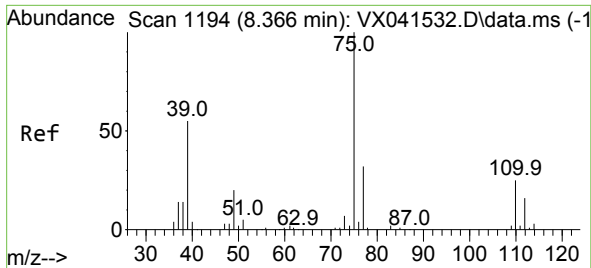
Tgt Ion: 43 Resp: 72888
Ion Ratio Lower Upper
43 100
55 24.3 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 19.380 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 75 Resp: 46304
Ion Ratio Lower Upper
75 100
77 32.1 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 19.929 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

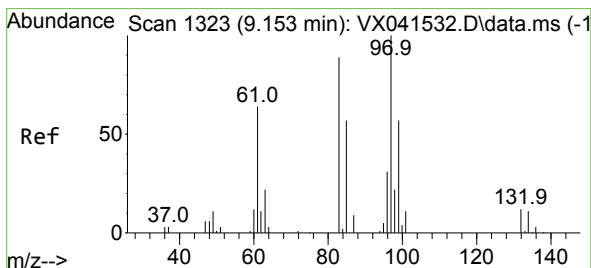
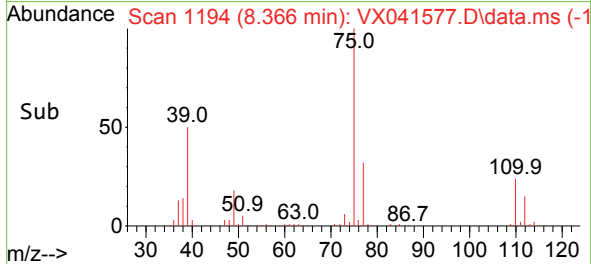
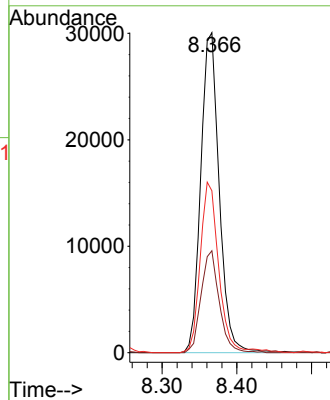
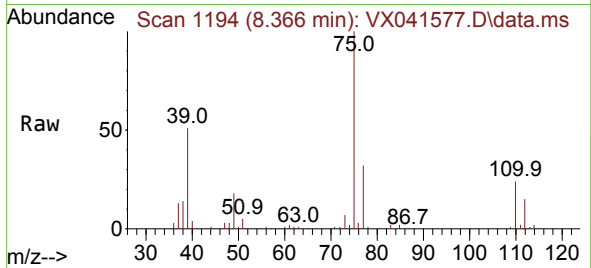
Tgt Ion: 75 Resp: 51574

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8

39 50.6 43.6 65.4



#50

1,1,2-Trichloroethane

Concen: 19.727 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Tgt Ion: 97 Resp: 34777

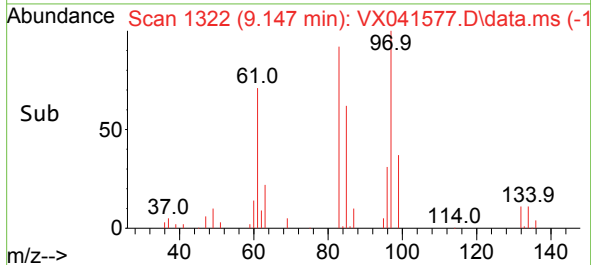
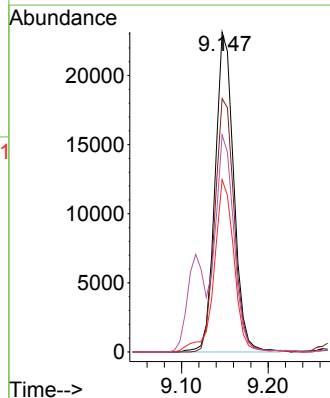
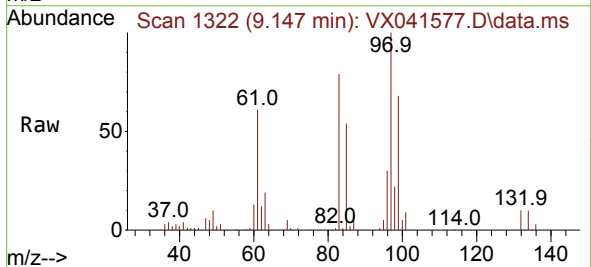
Ion Ratio Lower Upper

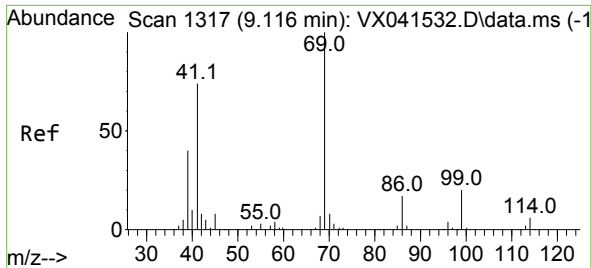
97 100

83 79.2 71.3 106.9

85 53.5 45.7 68.5

99 67.4 50.9 76.3

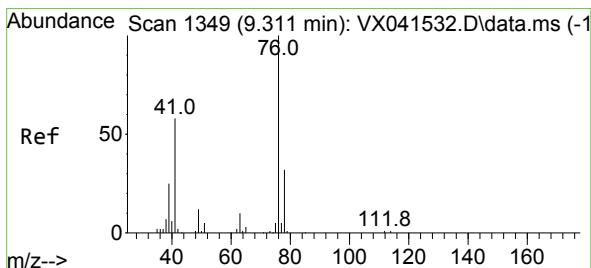
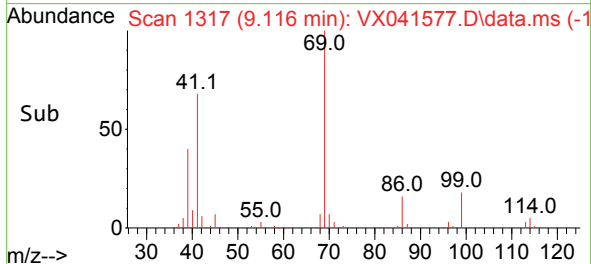
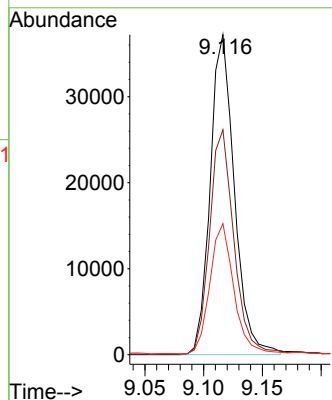
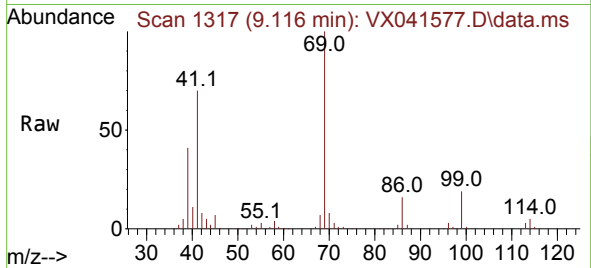




#51
Ethyl methacrylate
Concen: 18.775 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

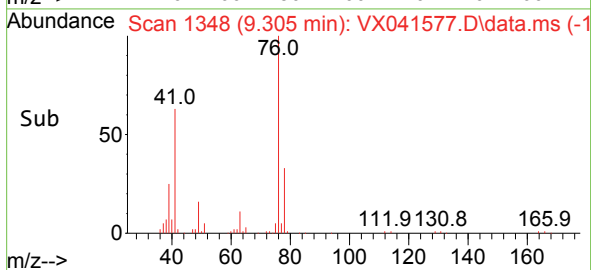
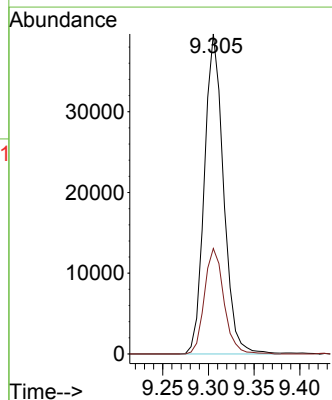
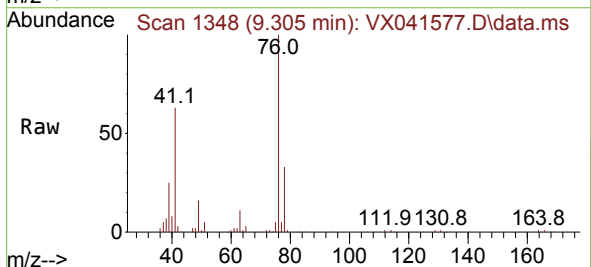
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

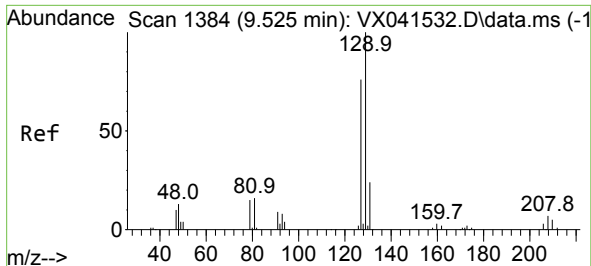
Tgt Ion: 69 Resp: 53276
Ion Ratio Lower Upper
69 100
41 70.1 37.1 111.3
39 40.7 20.2 60.6



#52
1,3-Dichloropropane
Concen: 19.790 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 76 Resp: 57650
Ion Ratio Lower Upper
76 100
78 33.4 0.0 64.4

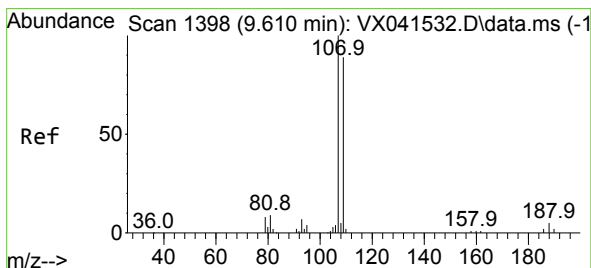
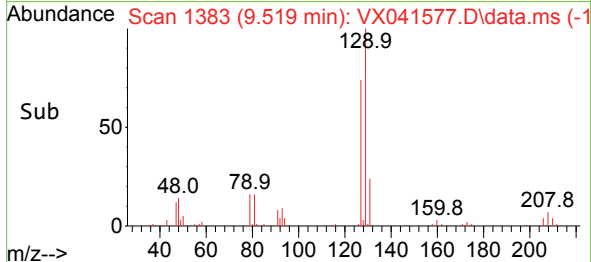
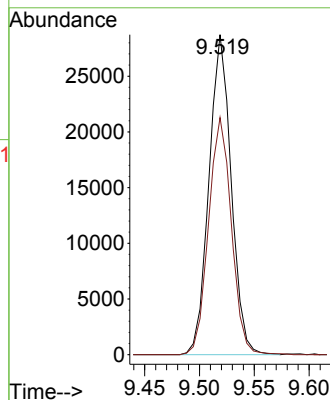
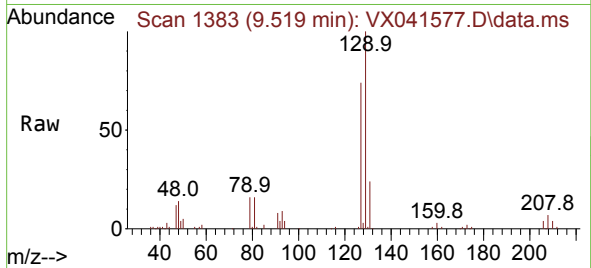




#53
Dibromochloromethane
Concen: 20.173 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

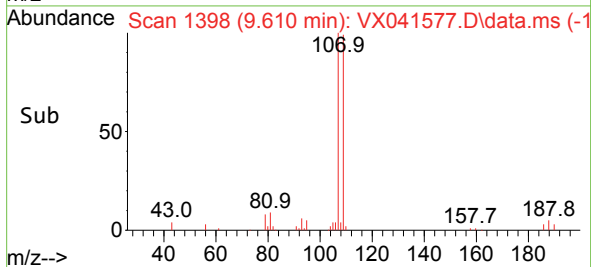
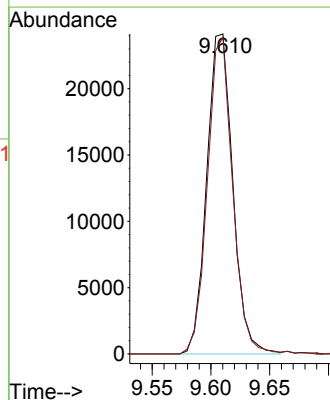
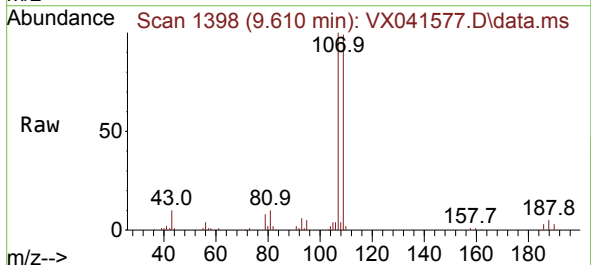
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

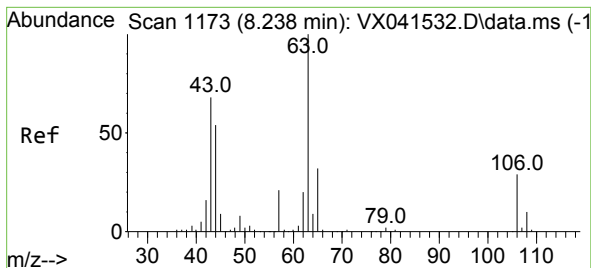
Tgt Ion:129 Resp: 40464
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7



#54
1,2-Dibromoethane
Concen: 19.916 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion:107 Resp: 37233
Ion Ratio Lower Upper
107 100
109 95.4 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 99.508 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

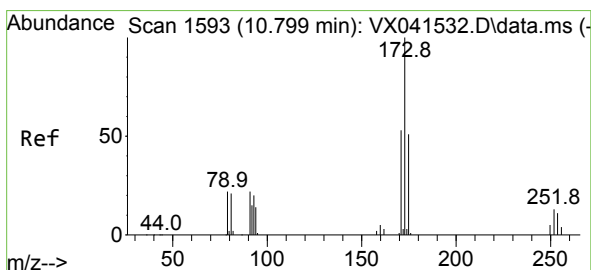
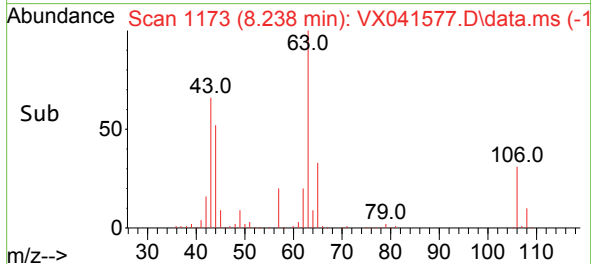
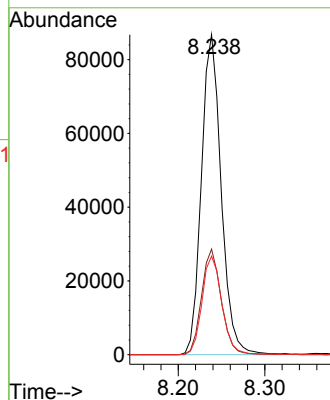
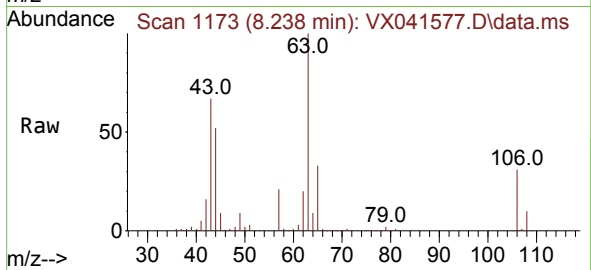
Tgt Ion: 63 Resp: 137824

Ion Ratio Lower Upper

63 100

65 32.7 25.5 38.3

106 30.9 24.7 37.1



#56

Bromoform

Concen: 20.134 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

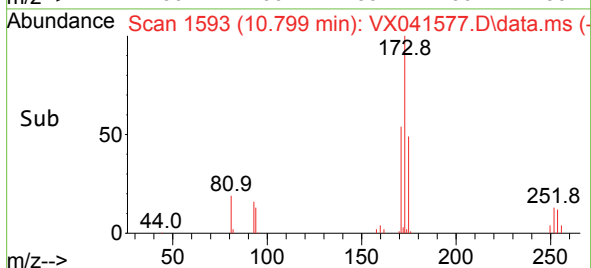
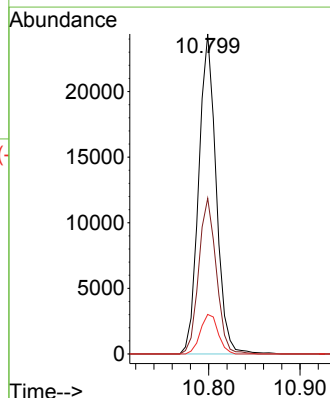
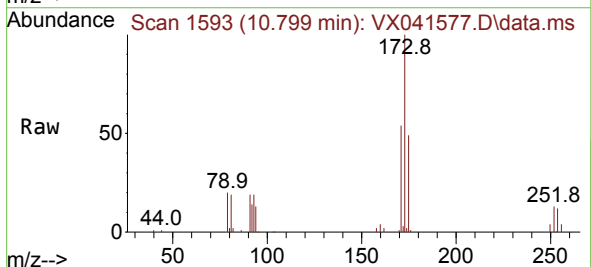
Tgt Ion: 173 Resp: 32357

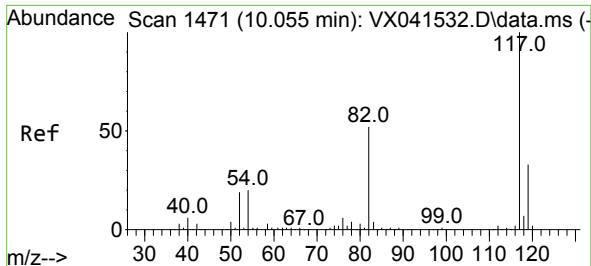
Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.6

254 12.5 10.3 15.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

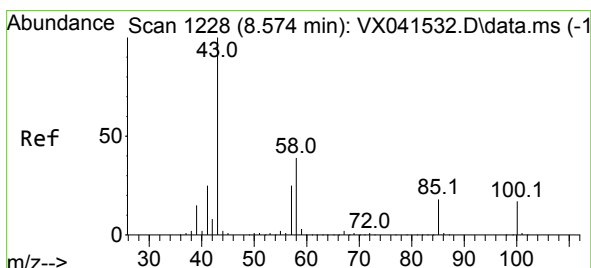
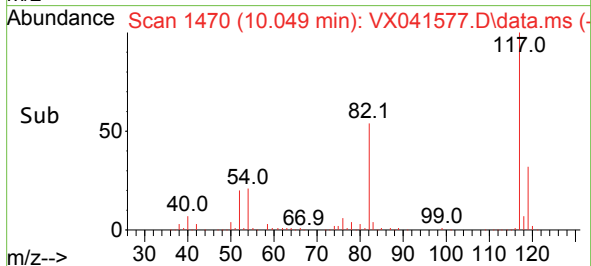
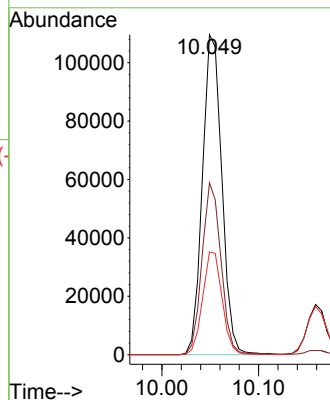
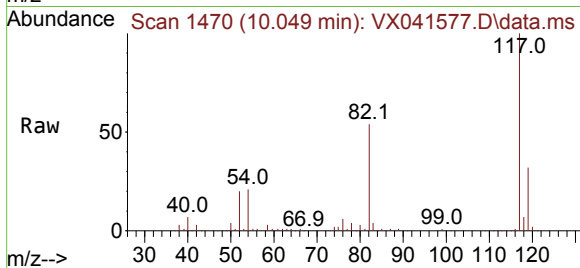
Tgt Ion:117 Resp: 153329

Ion Ratio Lower Upper

117 100

82 52.4 41.7 62.5

119 32.2 25.7 38.5



#58

4-Methyl-2-Pentanone

Concen: 99.986 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

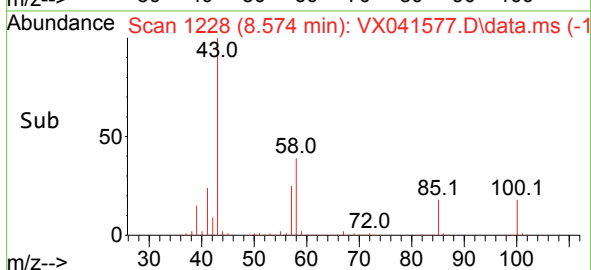
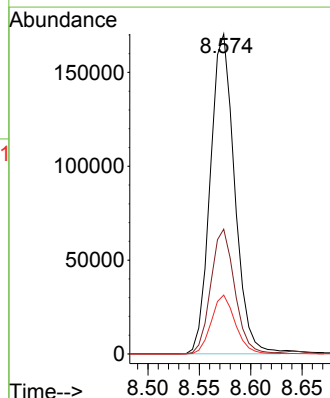
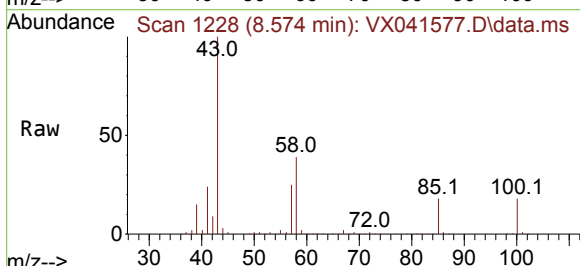
Tgt Ion: 43 Resp: 280116

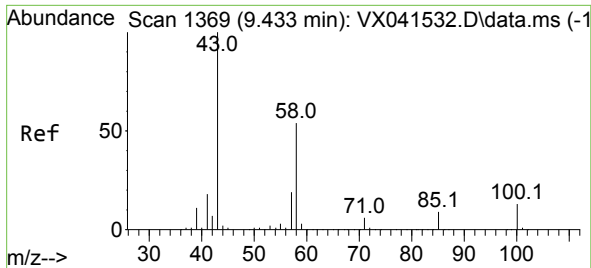
Ion Ratio Lower Upper

43 100

58 38.4 30.2 45.4

85 18.2 14.6 21.8

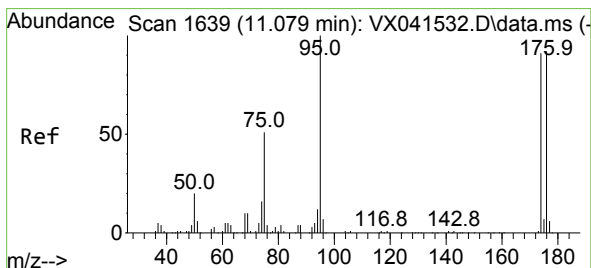
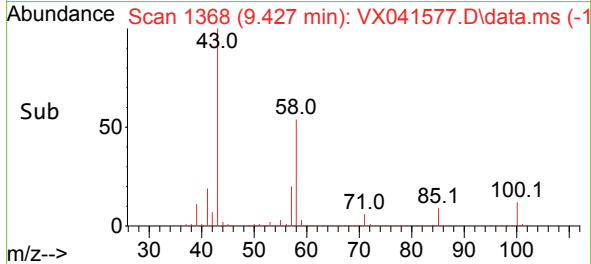
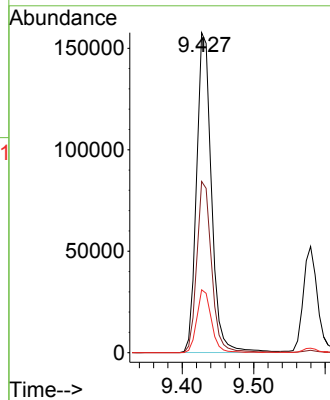
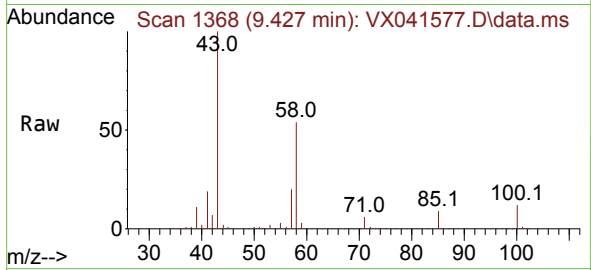




#59
2-Hexanone
Concen: 102.548 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

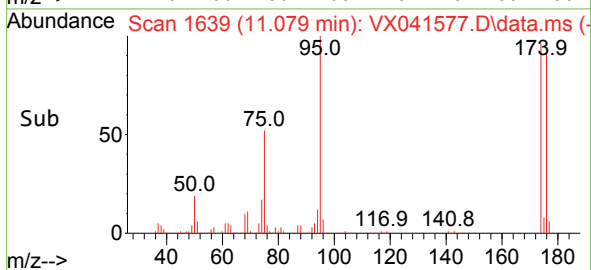
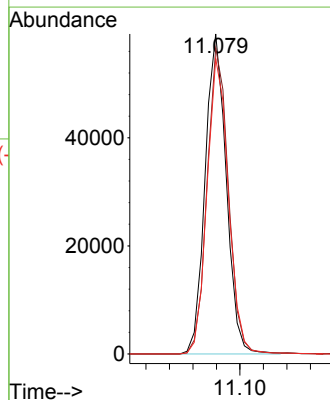
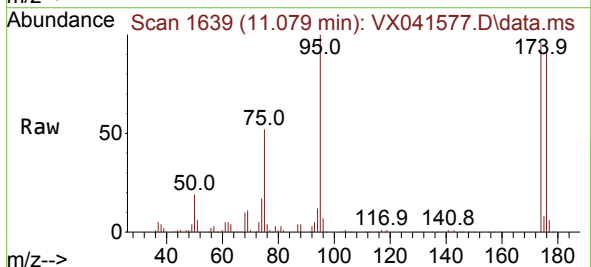
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

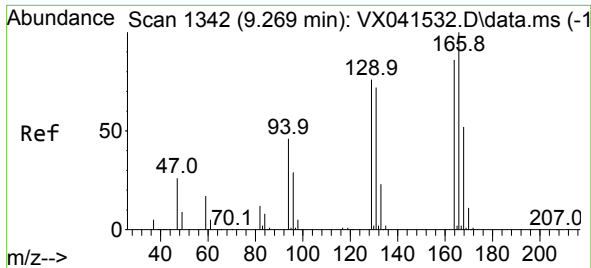
Tgt Ion: 43 Resp: 228871
Ion Ratio Lower Upper
43 100
58 52.9 42.3 63.5
57 19.1 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 30.774 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 95 Resp: 73660
Ion Ratio Lower Upper
95 100
174 96.8 76.6 115.0
176 93.7 75.4 113.0

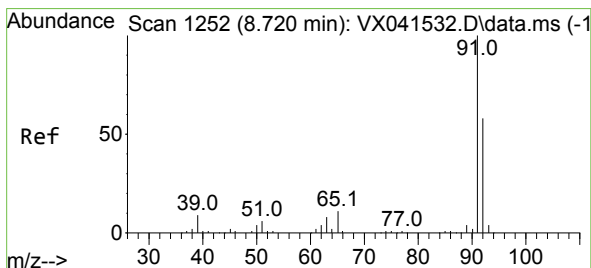
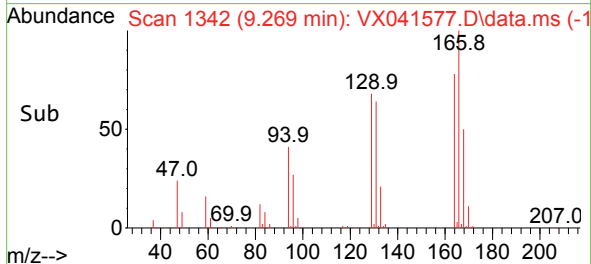
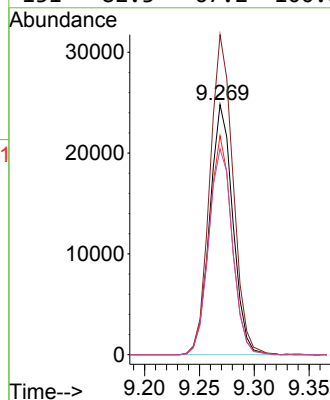
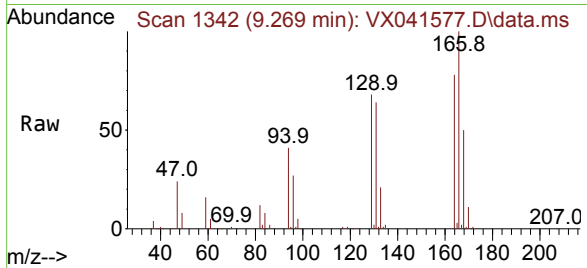




#61
Tetrachloroethene
Concen: 19.382 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

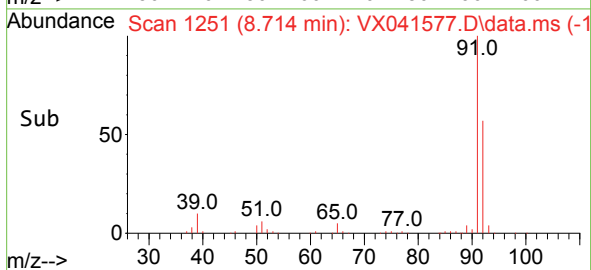
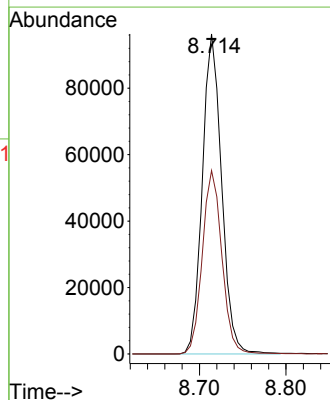
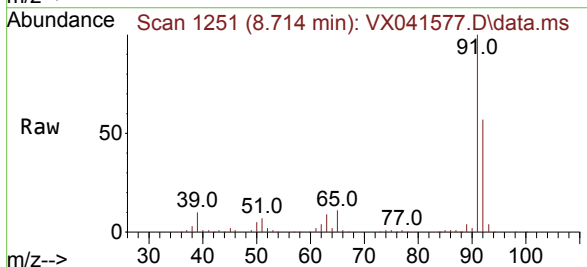
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

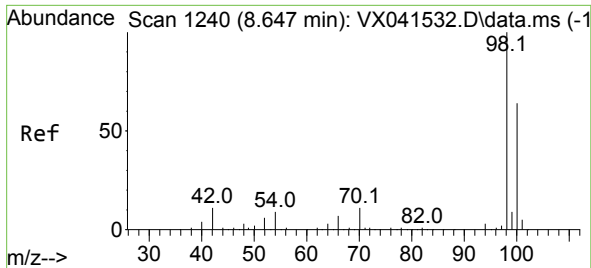
Tgt Ion:164 Resp: 36359
Ion Ratio Lower Upper
164 100
166 127.9 92.8 139.2
129 87.6 70.1 105.1
131 82.3 67.2 100.8



#62
Toluene
Concen: 19.523 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 91 Resp: 148951
Ion Ratio Lower Upper
91 100
92 58.2 47.0 70.6

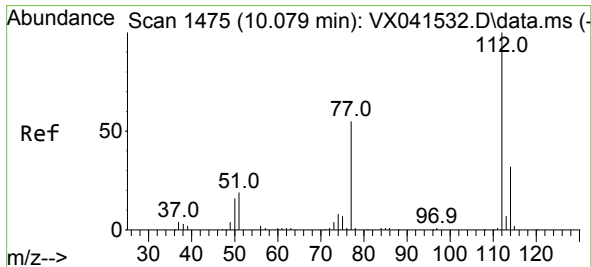
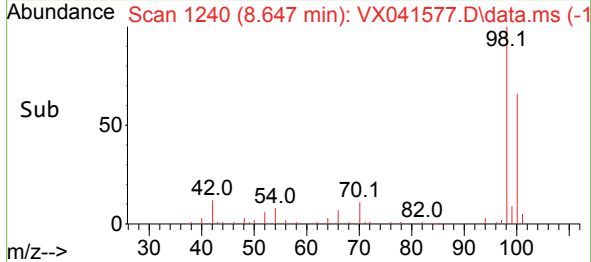
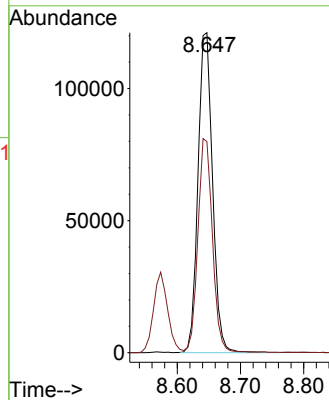
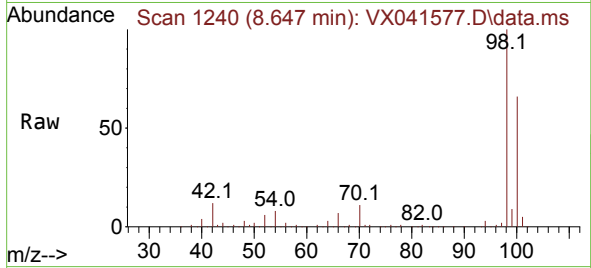




#63
Toluene-d8
Concen: 29.615 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

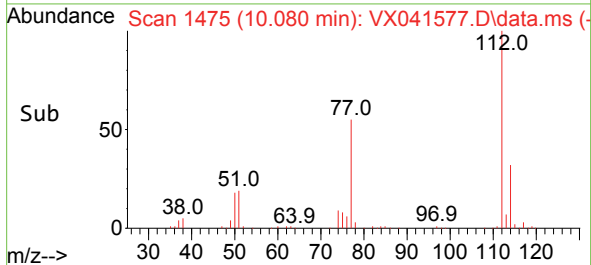
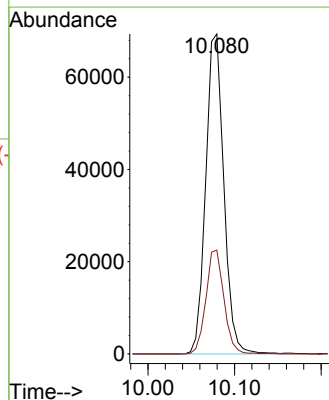
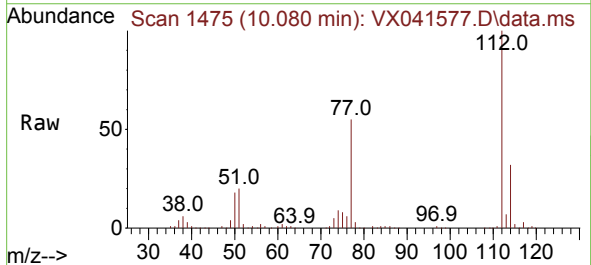
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

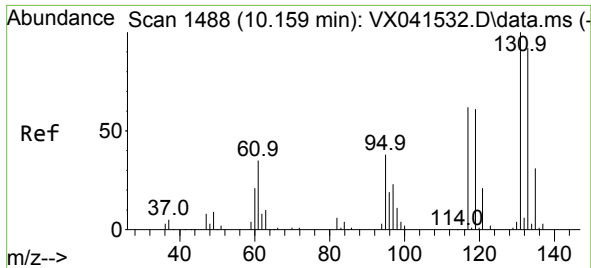
Tgt Ion: 98 Resp: 194646
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#64
Chlorobenzene
Concen: 19.446 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 112 Resp: 100774
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0

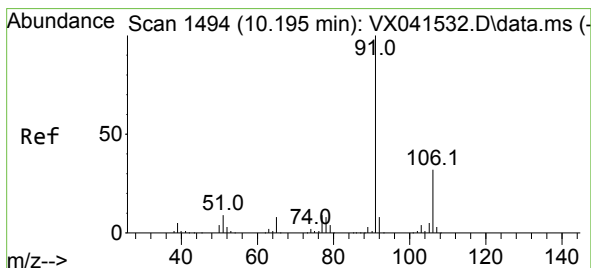
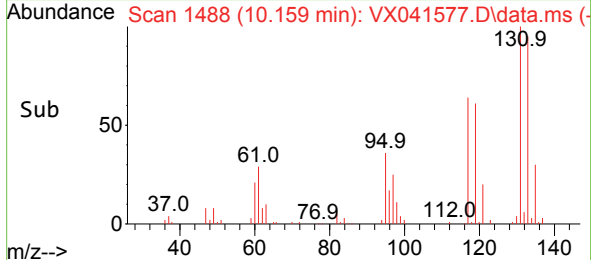
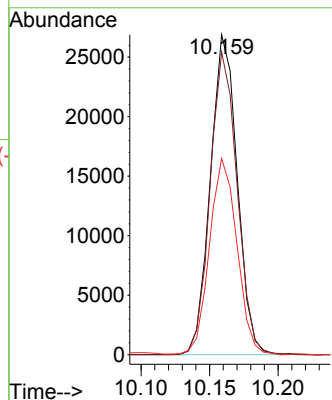
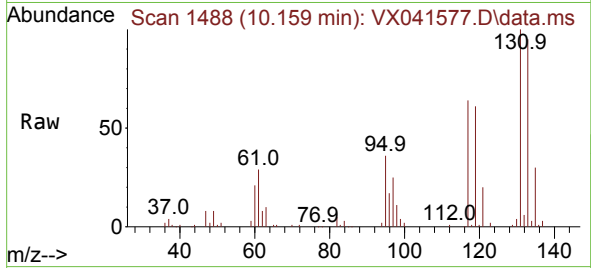




#65
1,1,1,2-Tetrachloroethane
Concen: 19.944 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

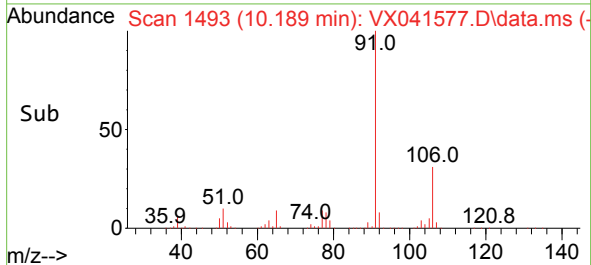
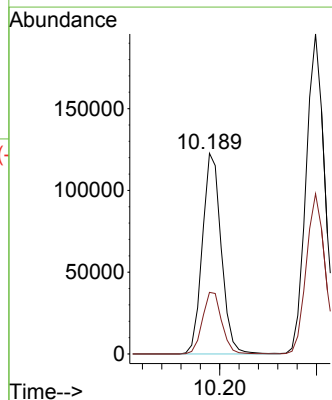
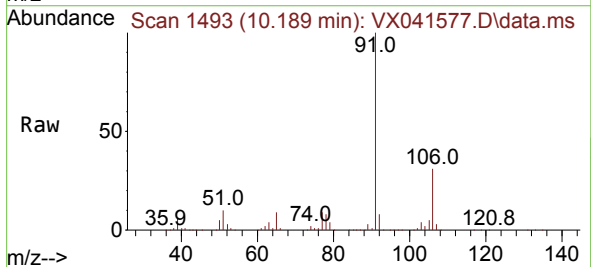
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

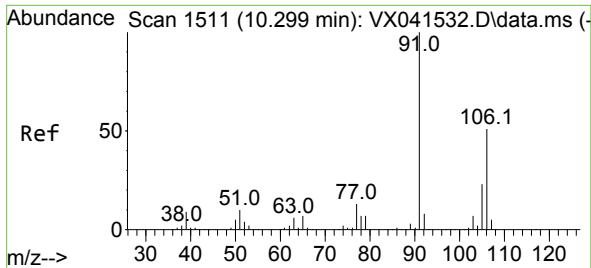
Tgt Ion:131 Resp: 36582
Ion Ratio Lower Upper
131 100
133 95.4 0.0 191.6
119 62.7 0.0 126.4



#66
Ethyl Benzene
Concen: 19.685 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 91 Resp: 166770
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9

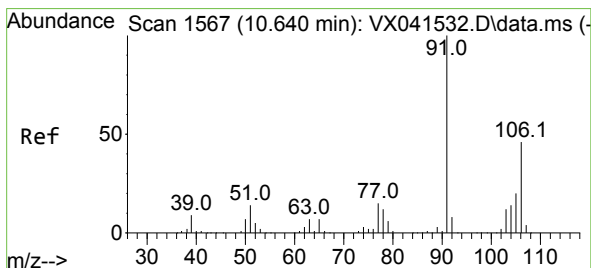
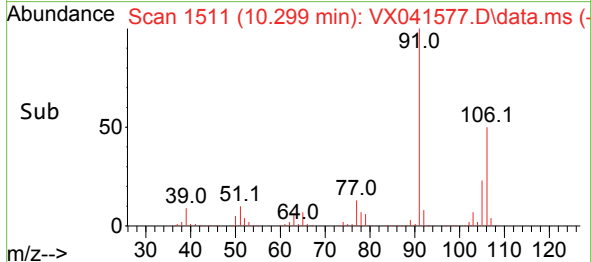
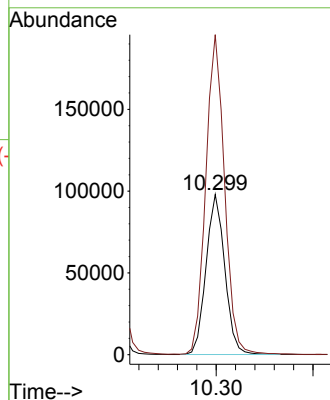
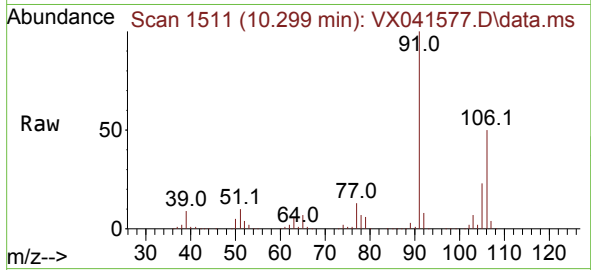




#67
m/p-Xylenes
Concen: 39.883 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

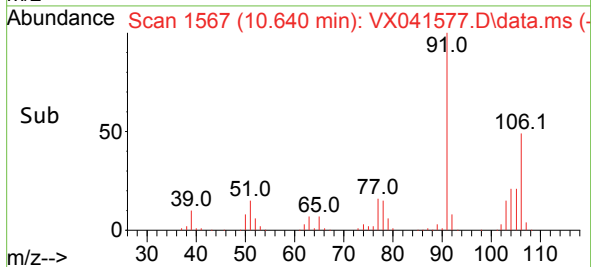
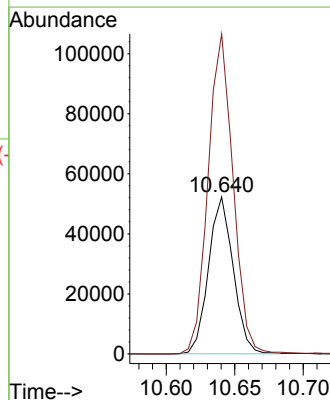
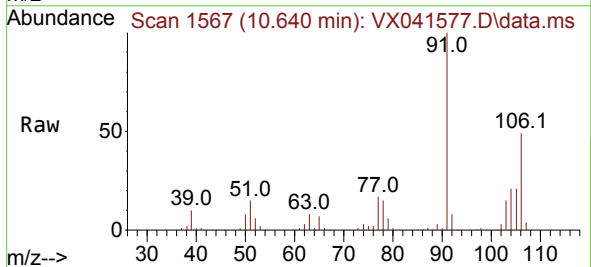
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

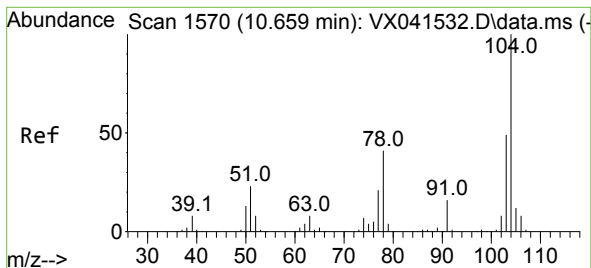
Tgt Ion:106 Resp: 132126
Ion Ratio Lower Upper
106 100
91 200.8 156.5 234.7



#68
o-Xylene
Concen: 19.606 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion:106 Resp: 65379
Ion Ratio Lower Upper
106 100
91 207.2 105.2 315.6





#69

Styrene

Concen: 19.654 ug/l

RT: 10.653 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

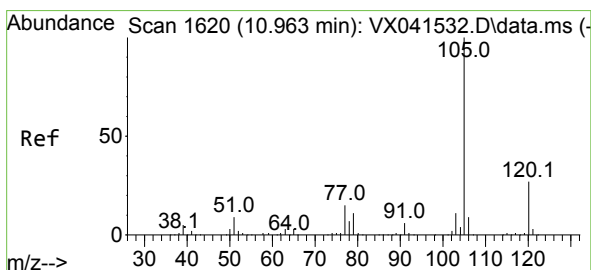
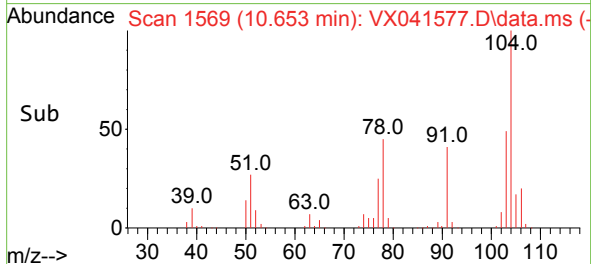
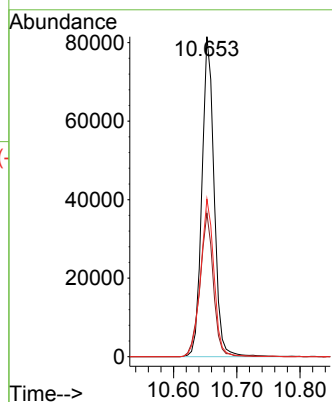
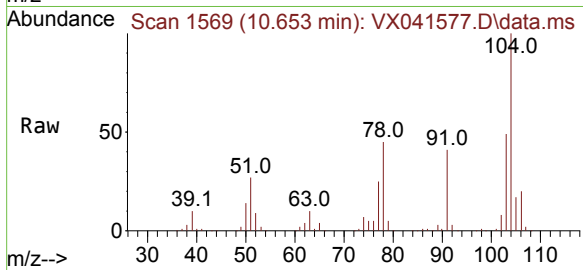
Tgt Ion:104 Resp: 109890

Ion Ratio Lower Upper

104 100

78 48.6 39.3 58.9

103 54.0 43.2 64.8



#70

Isopropylbenzene

Concen: 20.069 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX041577.D

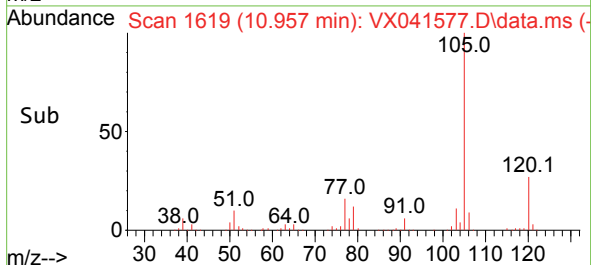
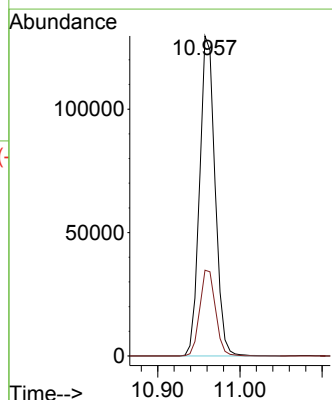
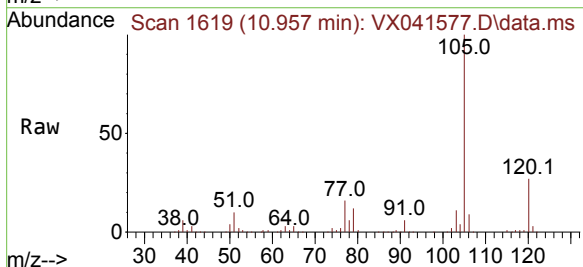
Acq: 21 May 2024 09:43

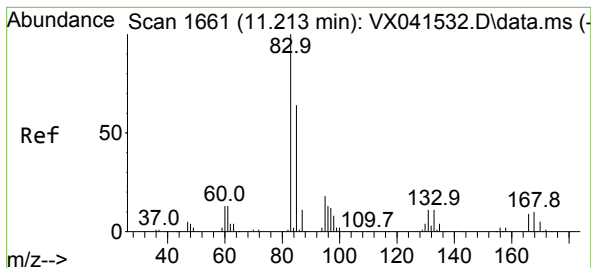
Tgt Ion:105 Resp: 169114

Ion Ratio Lower Upper

105 100

120 27.4 18.8 34.8

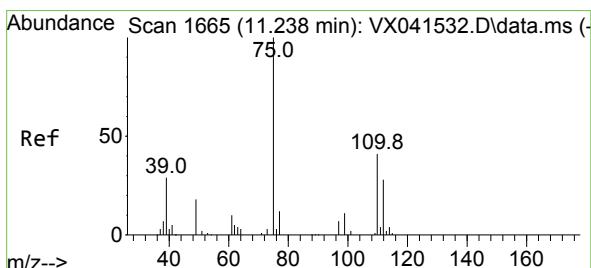
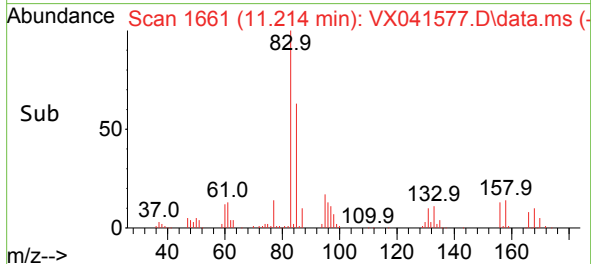
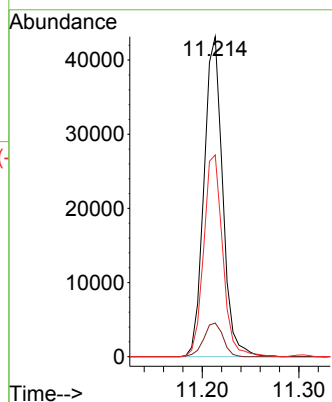
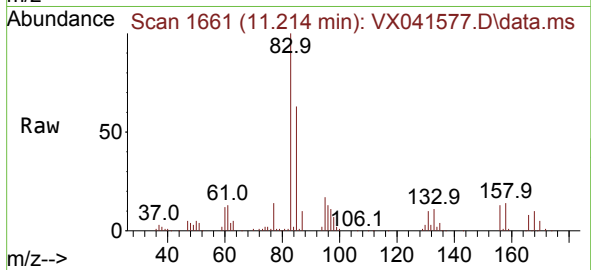




#71
1,1,2-Tetrachloroethane
Concen: 20.044 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

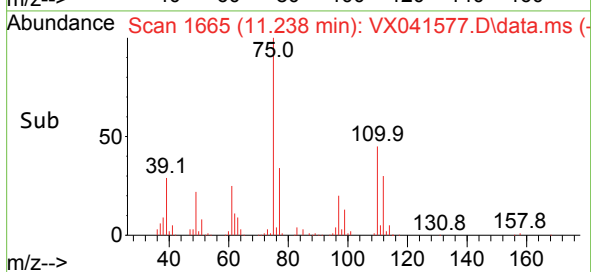
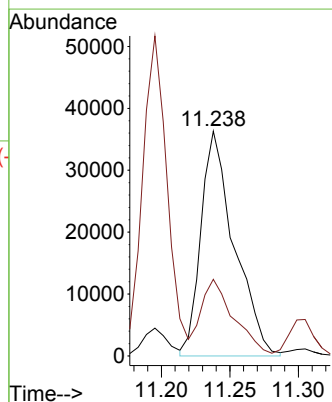
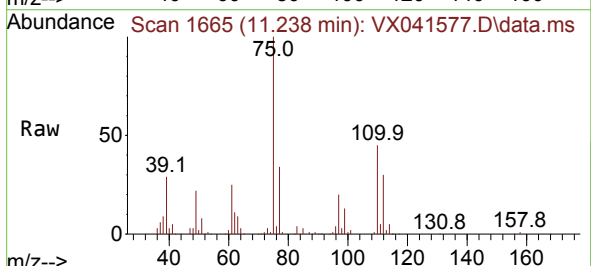
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

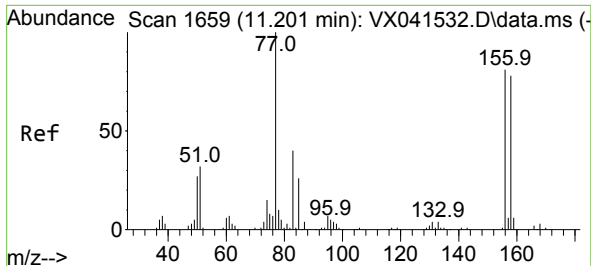
Tgt Ion: 83 Resp: 58021
Ion Ratio Lower Upper
83 100
131 10.9 5.7 17.0
85 64.4 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 23.609 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 75 Resp: 61633
Ion Ratio Lower Upper
75 100
77 33.6 0.0 78.8

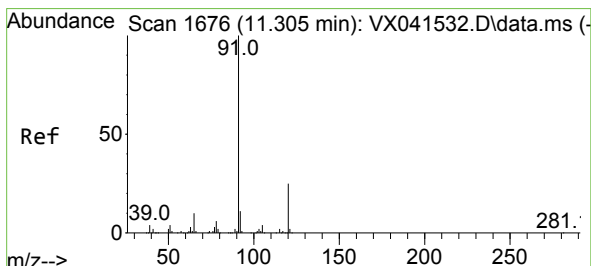
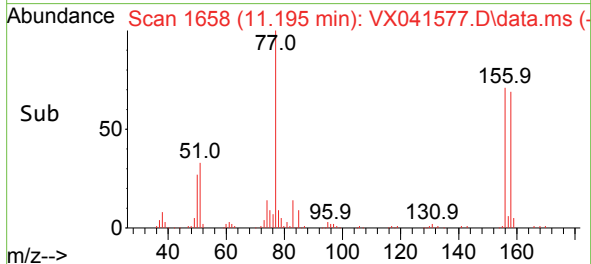
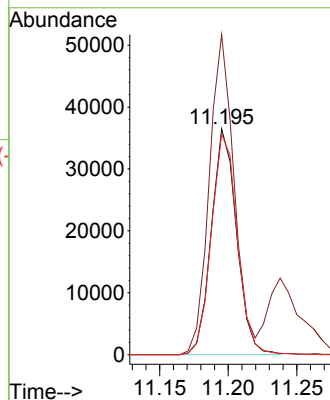
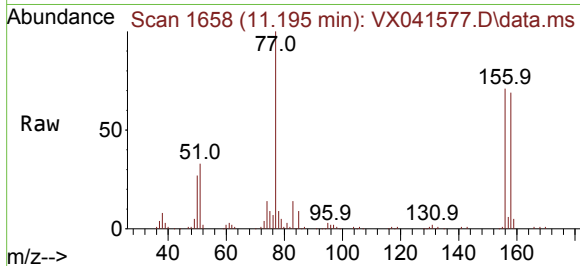




#73
Bromobenzene
Concen: 18.882 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

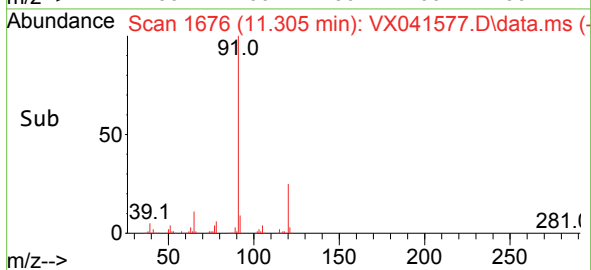
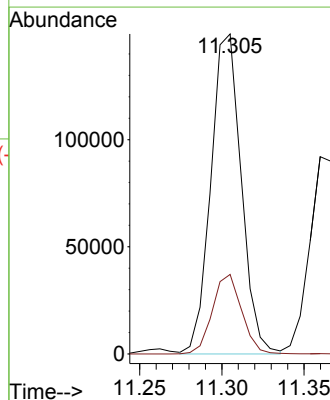
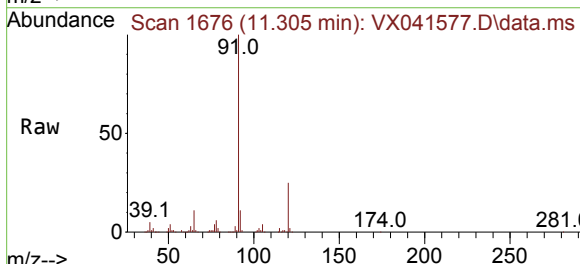
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

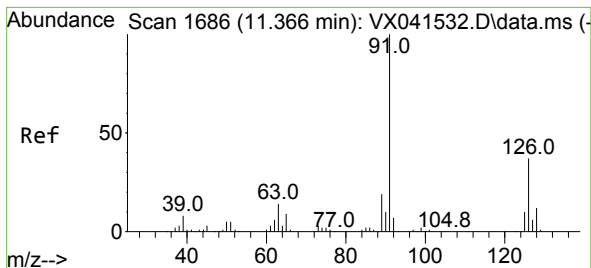
Tgt Ion:156 Resp: 46752
Ion Ratio Lower Upper
156 100
77 138.9 0.0 267.4
158 100.2 0.0 192.8



#74
n-propylbenzene
Concen: 20.218 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 91 Resp: 192104
Ion Ratio Lower Upper
91 100
120 24.0 0.0 48.4





#75

2-Chlorotoluene

Concen: 20.195 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

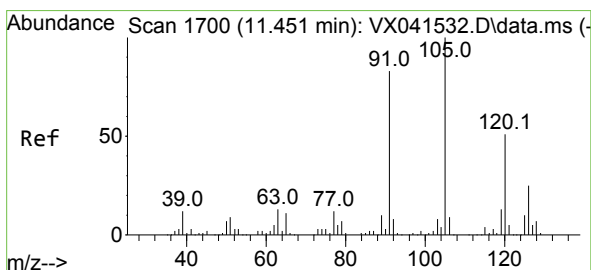
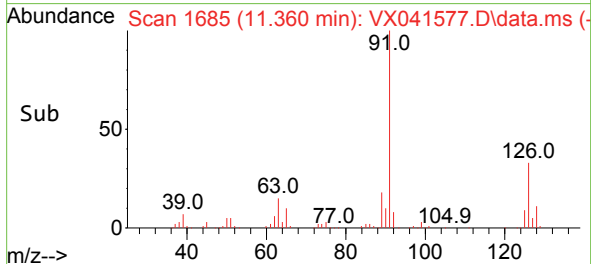
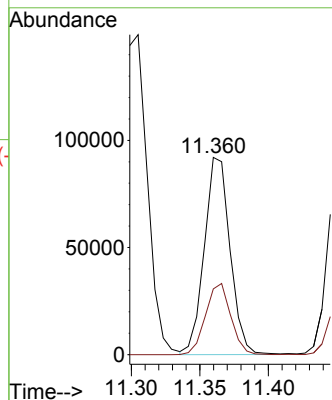
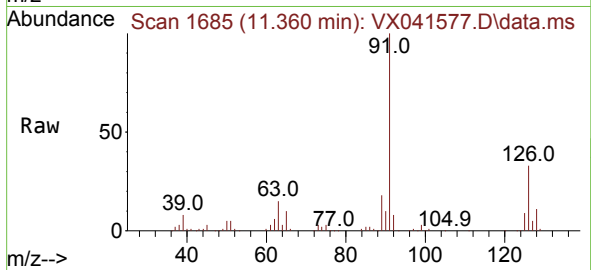
VSTDCCC020

Tgt Ion: 91 Resp: 120499

Ion Ratio Lower Upper

91 100

126 35.3 0.0 71.6



#76

1,3,5-Trimethylbenzene

Concen: 19.934 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041577.D

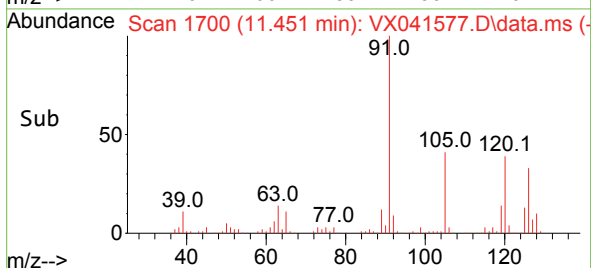
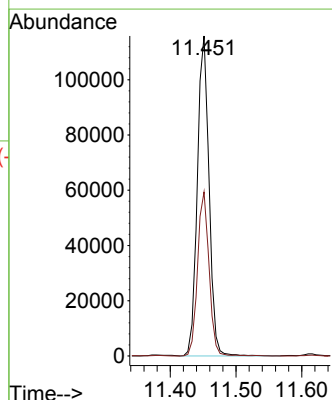
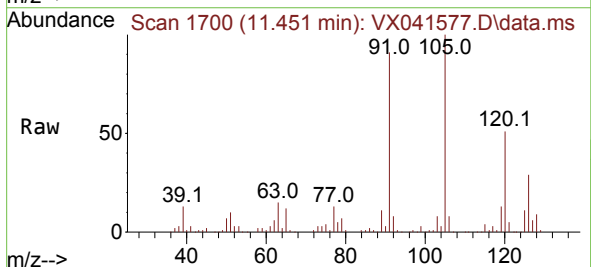
Acq: 21 May 2024 09:43

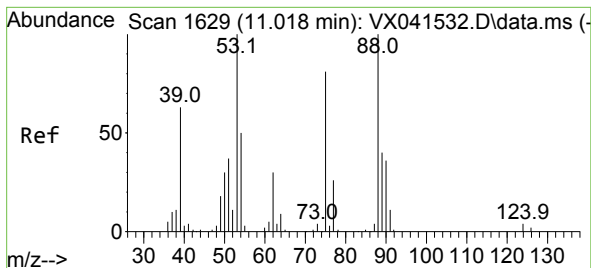
Tgt Ion:105 Resp: 143375

Ion Ratio Lower Upper

105 100

120 50.1 0.0 102.6

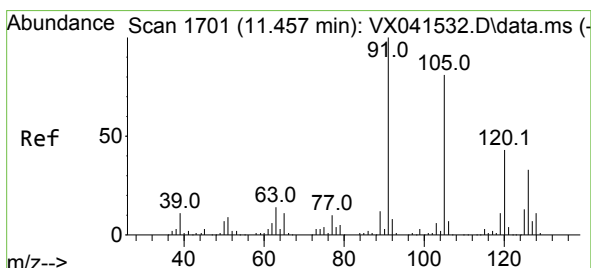
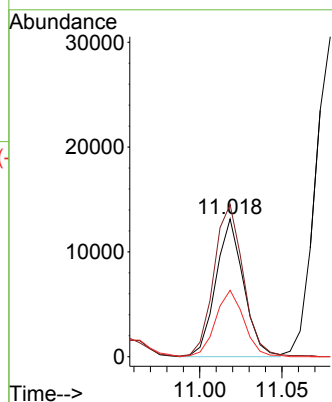
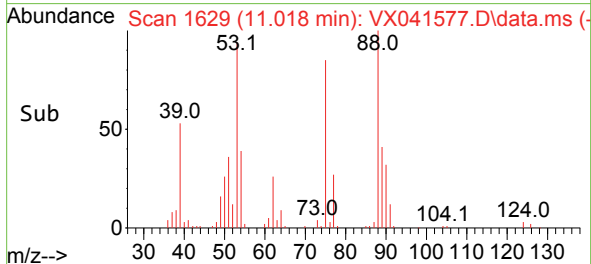
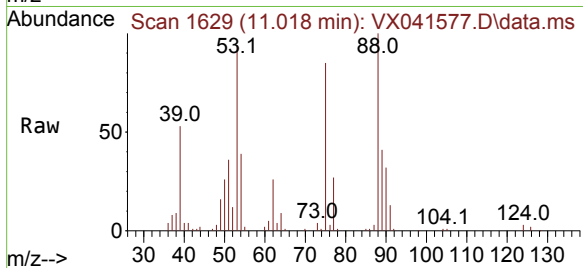




#77
t-1,4-Dichloro-2-butene
Concen: 18.857 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

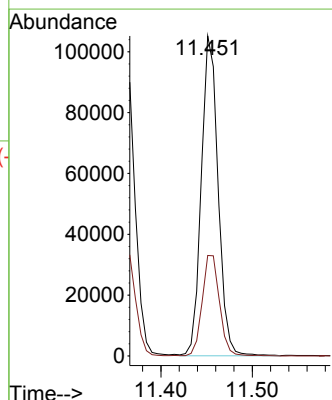
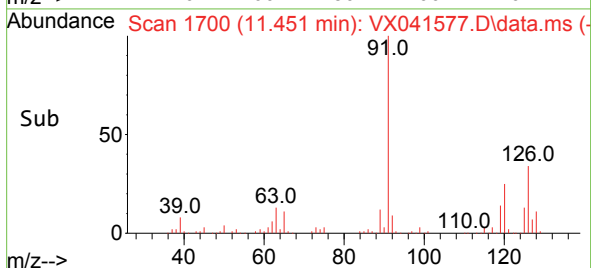
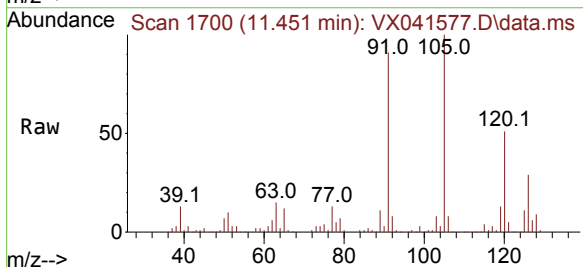
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

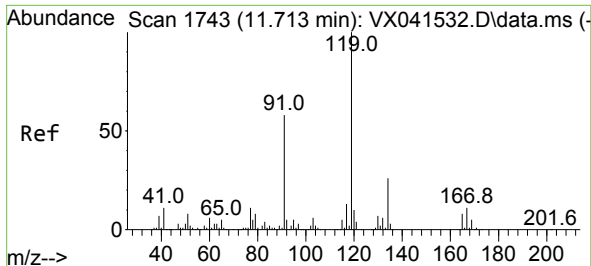
Tgt Ion: 75 Resp: 15473
Ion Ratio Lower Upper
75 100
53 109.9 61.8 185.3
89 48.2 24.9 74.7



#78
4-Chlorotoluene
Concen: 19.725 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 91 Resp: 134047
Ion Ratio Lower Upper
91 100
126 32.5 0.0 62.2

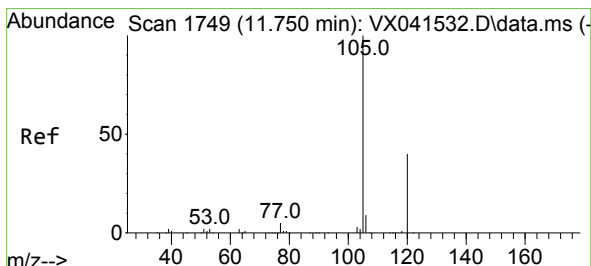
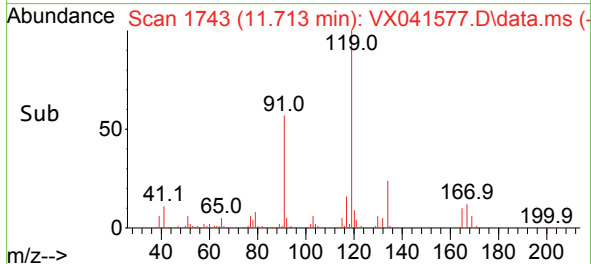
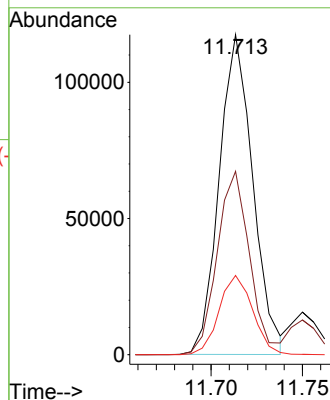
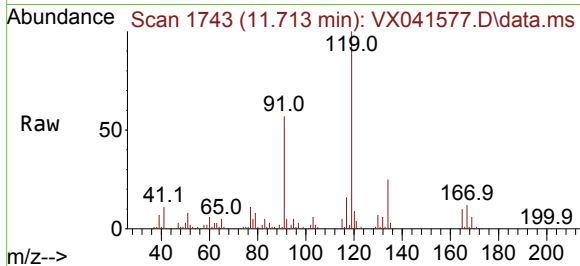




#79
tert-butylbenzene
Concen: 19.625 ug/l
RT: 11.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

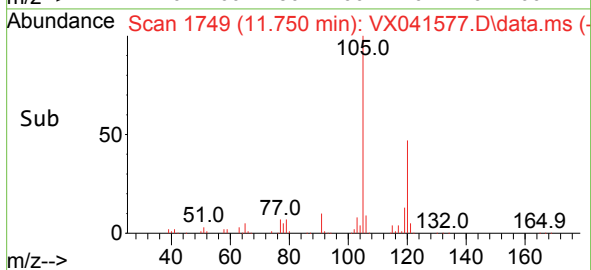
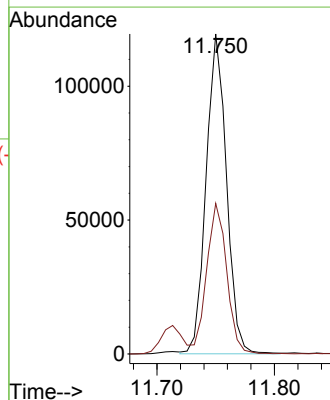
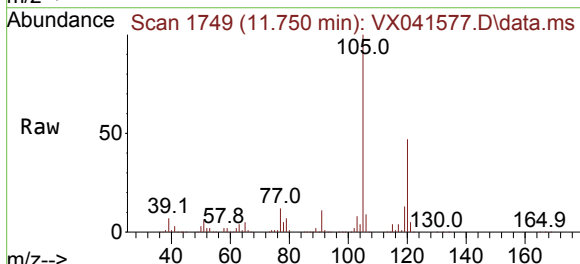
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

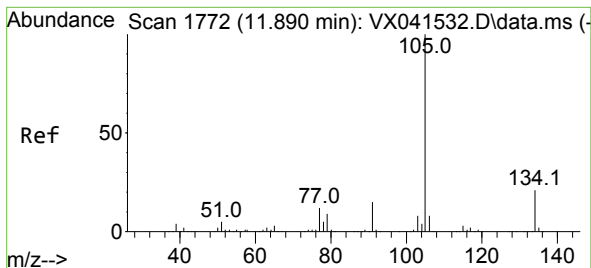
Tgt Ion:119 Resp: 150226
Ion Ratio Lower Upper
119 100
91 55.3 0.0 110.0
134 24.9 0.0 50.0



#80
1,2,4-Trimethylbenzene
Concen: 19.929 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion:105 Resp: 143670
Ion Ratio Lower Upper
105 100
120 46.8 0.0 92.2





#81

sec-Butylbenzene

Concen: 19.968 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

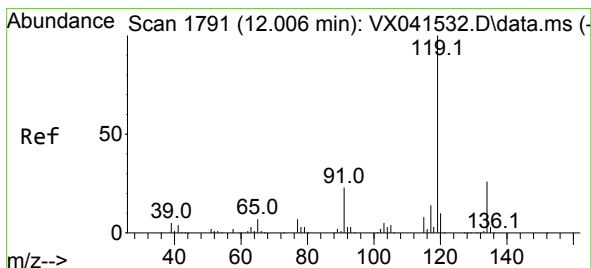
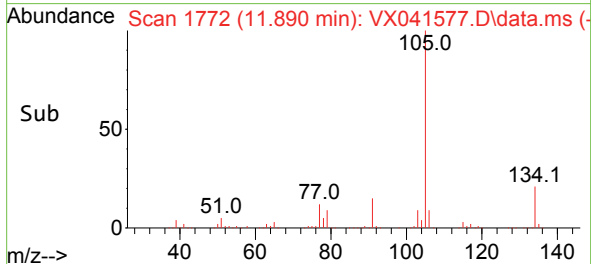
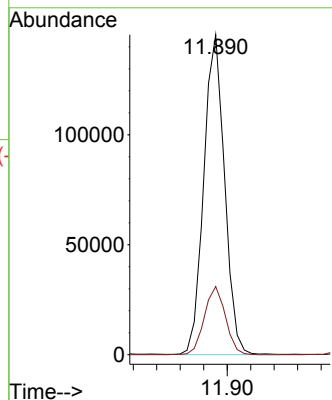
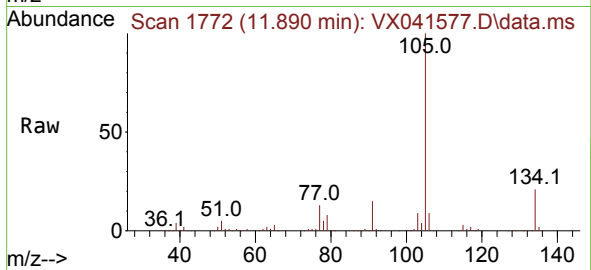
VSTDCCC020

Tgt Ion:105 Resp: 178610

Ion Ratio Lower Upper

105 100

134 21.6 0.0 43.4



#82

p-Isopropyltoluene

Concen: 20.005 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

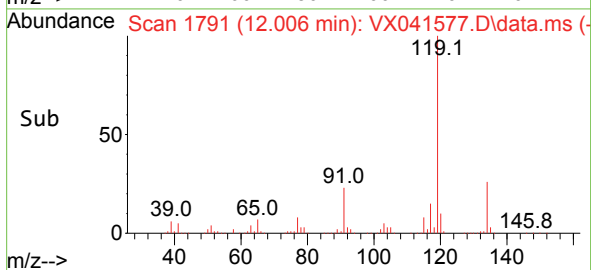
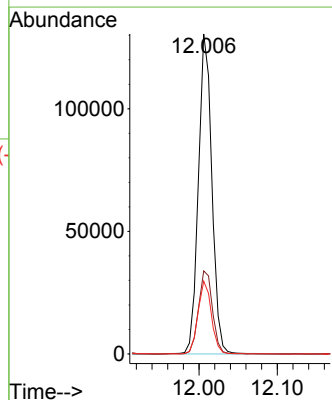
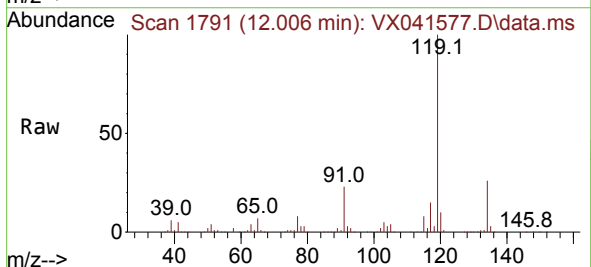
Tgt Ion:119 Resp: 156642

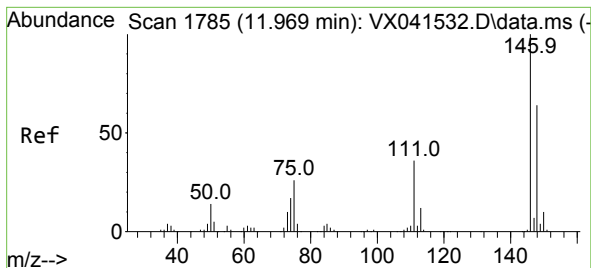
Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.4

91 22.7 0.0 44.8





#83

1,3-Dichlorobenzene

Concen: 19.750 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

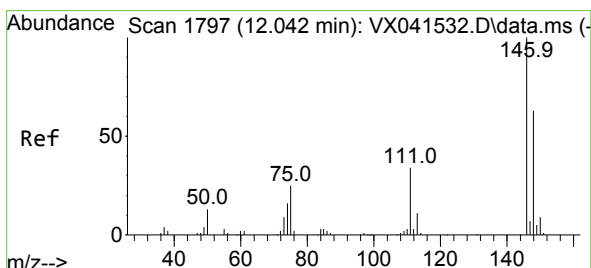
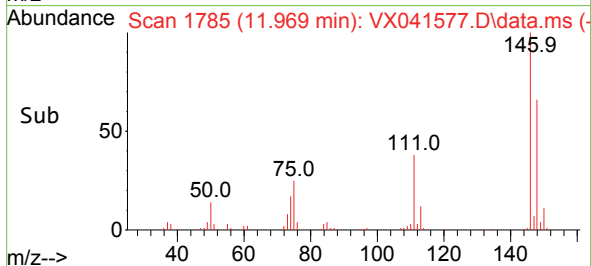
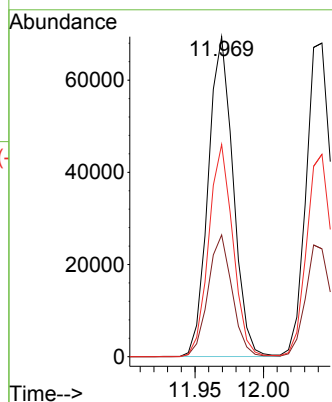
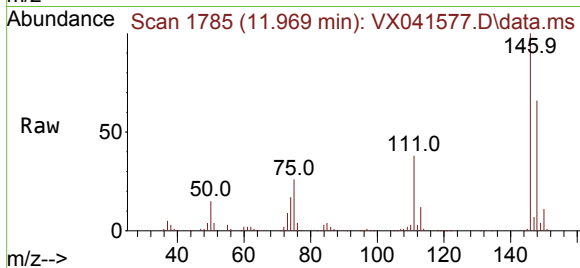
Tgt Ion:146 Resp: 87700

Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.2

148 64.5 32.3 96.9



#84

1,4-Dichlorobenzene

Concen: 19.647 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

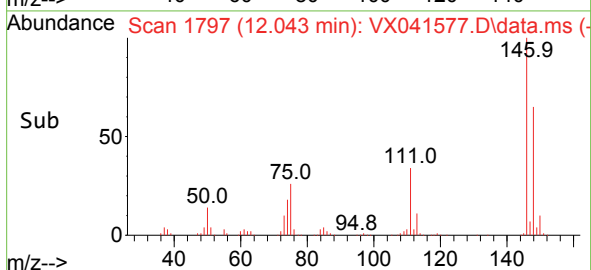
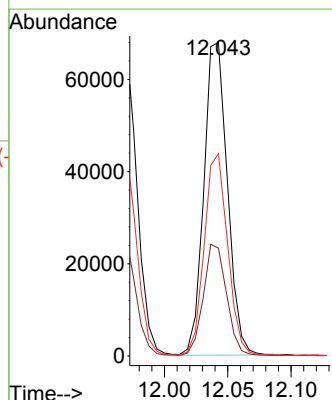
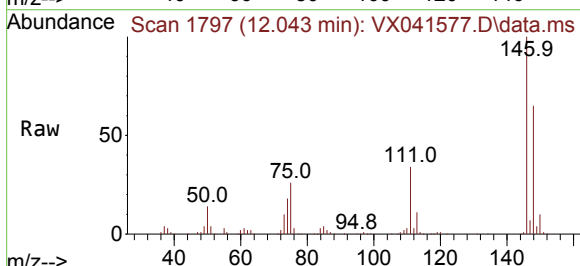
Tgt Ion:146 Resp: 88153

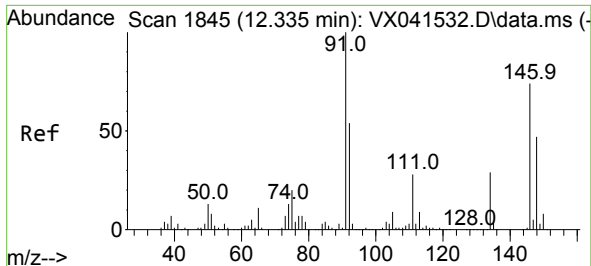
Ion Ratio Lower Upper

146 100

111 35.2 17.8 53.5

148 64.2 31.9 95.5

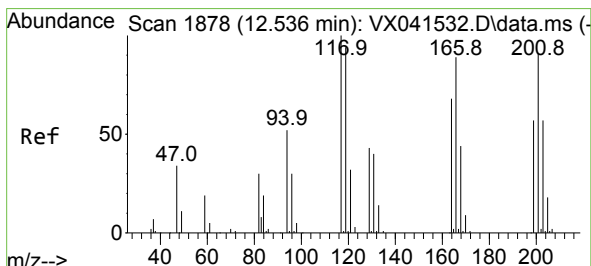
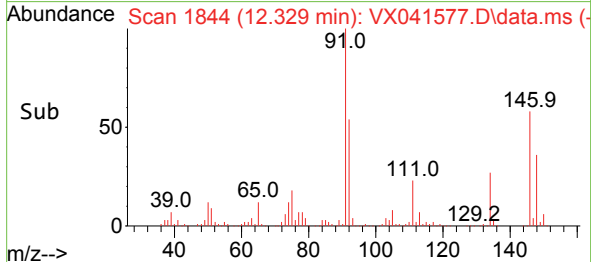
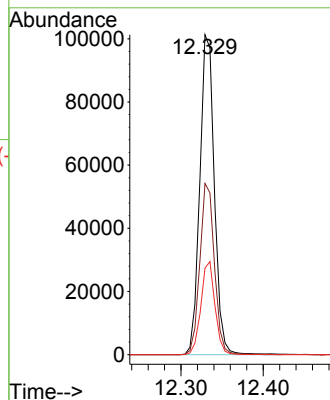
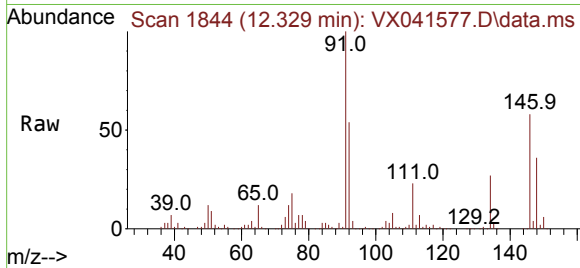




#85
n-Butylbenzene
Concen: 19.815 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

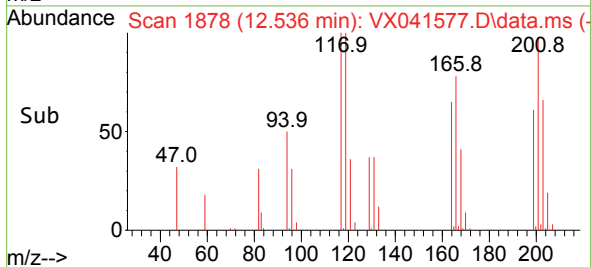
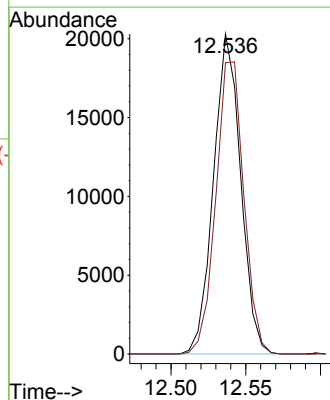
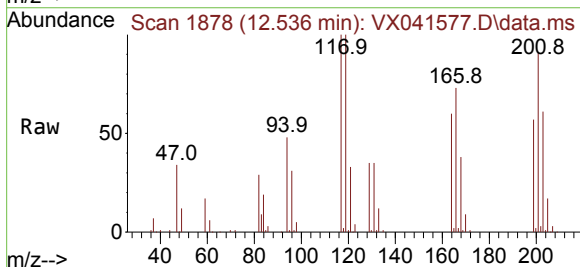
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

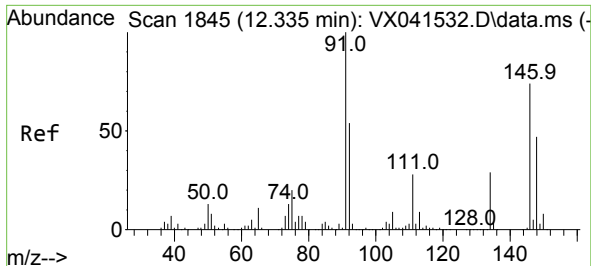
Tgt Ion: 91 Resp: 124852
Ion Ratio Lower Upper
91 100
92 53.5 0.0 108.4
134 28.2 0.0 56.6



#86
Hexachloroethane
Concen: 19.445 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion: 117 Resp: 25634
Ion Ratio Lower Upper
117 100
201 94.4 47.3 141.8

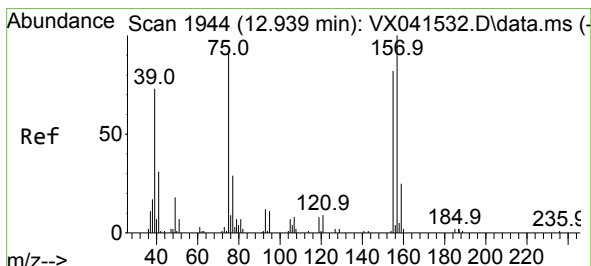
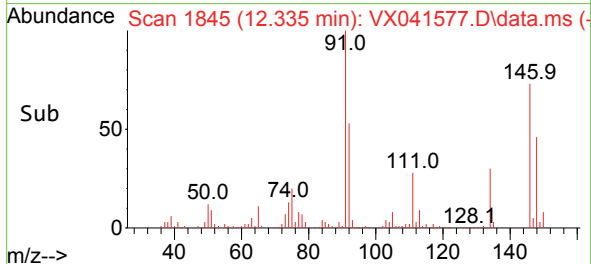
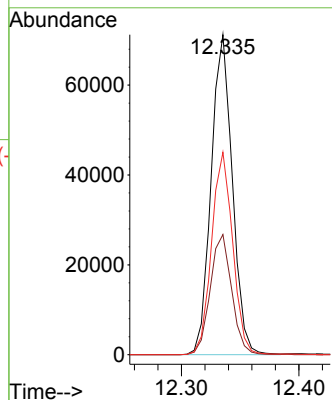
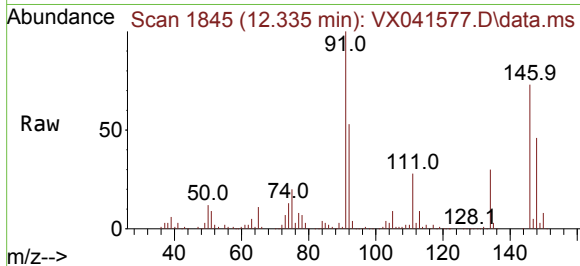




#87
 1,2-Dichlorobenzene
 Concen: 19.707 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX041577.D
 Acq: 21 May 2024 09:43

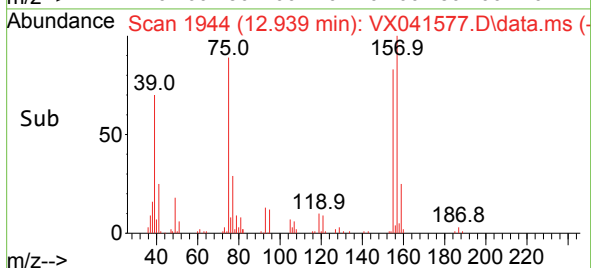
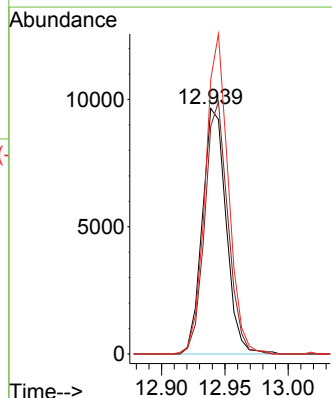
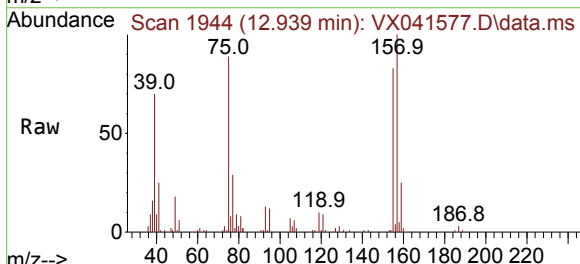
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

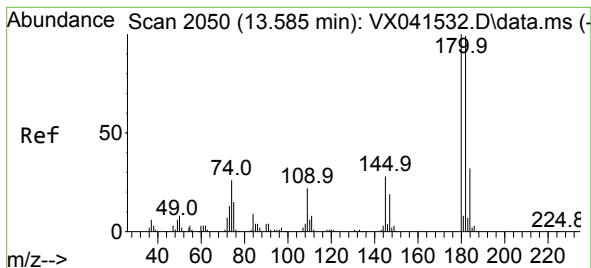
Tgt Ion:146 Resp: 89317
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.3 57.9
 148 63.1 31.8 95.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.853 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX041577.D
 Acq: 21 May 2024 09:43

Tgt Ion: 75 Resp: 12621
 Ion Ratio Lower Upper
 75 100
 155 99.8 80.4 120.6
 157 125.5 102.2 153.2





#89

1,2,4-Trichlorobenzene

Concen: 19.781 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

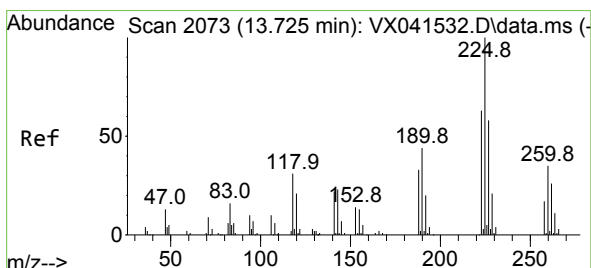
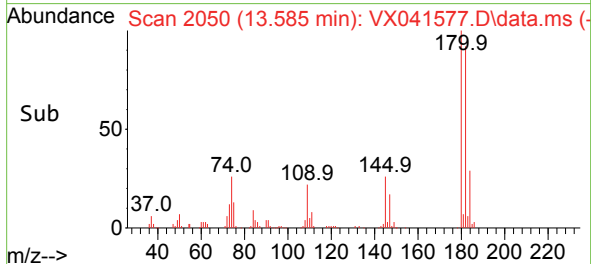
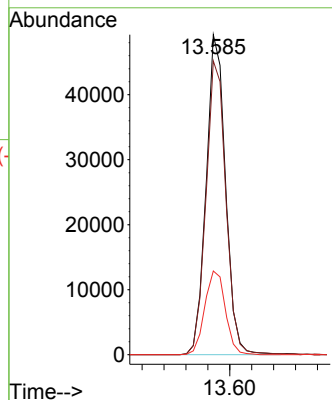
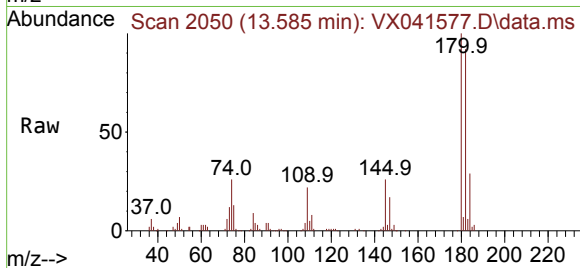
Tgt Ion:180 Resp: 60239

Ion Ratio Lower Upper

180 100

182 94.6 77.0 115.4

145 27.8 22.7 34.1



#90

Hexachlorobutadiene

Concen: 20.354 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041577.D

Acq: 21 May 2024 09:43

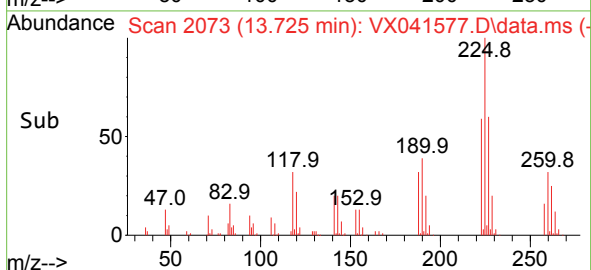
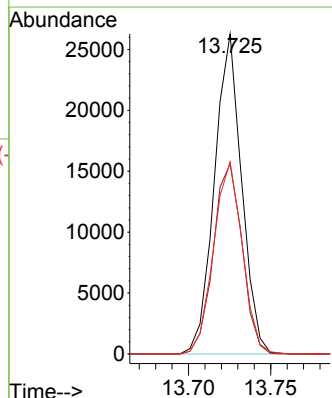
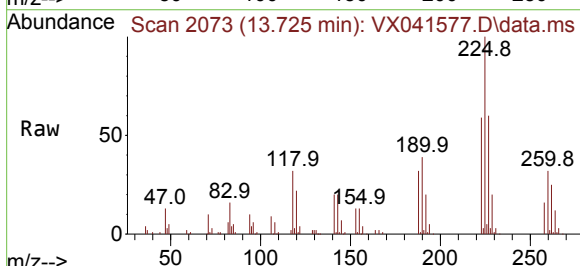
Tgt Ion:225 Resp: 30240

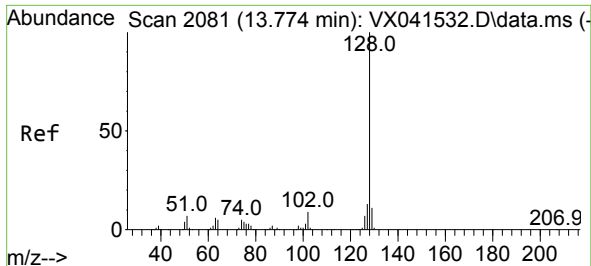
Ion Ratio Lower Upper

225 100

223 62.7 0.0 125.8

227 63.3 0.0 125.6

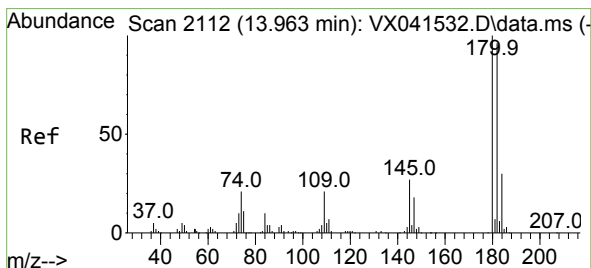
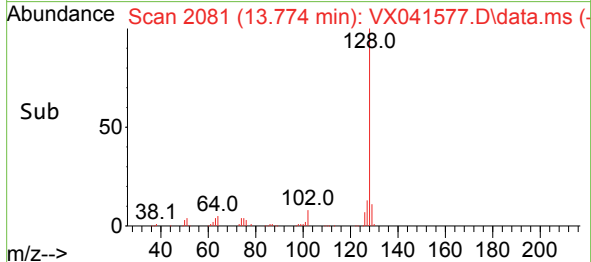
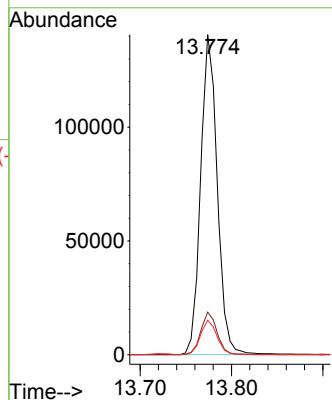
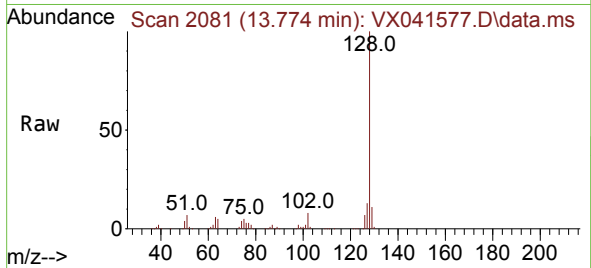




#91
Naphthalene
Concen: 19.516 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 177633
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.7 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 19.776 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041577.D
Acq: 21 May 2024 09:43

Tgt Ion:180 Resp: 61530
Ion Ratio Lower Upper
180 100
182 95.8 0.0 191.0
145 29.0 0.0 58.6

